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FIFTY-EIGHTH

Coal Report of Illinois

1939

DEPARTMENT OF MINES AND
MINERALS



JAMES McSHERRY, Director
Springfield

ENOCH MARTIN, Assistant Director
Springfield

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LETTER OF TRANSMITTAL

STATE OF ILLINOIS,
DEPARTMENT OF MINES AND MINERALS.
SPRINGFIELD, ILLINOIS, JUNE 1, 1940.

*To His Excellency, Henry Horner, Governor,
State of Illinois, Springfield.*

SIR: I have the honor to submit herewith the Fifty-eighth Annual Coal Report of the State of Illinois for the year ending December 31, 1939 with which are also included the reports of all other divisions of the Department of Mines and Minerals.

Respectfully submitted,
JAMES MCSHERRY, *Director.*

DEPARTMENT OF MINES AND MINERALS

JAMES MCSHERRY, *Director*,
Phone Capitol 6611, Station 536,
Springfield, Illinois.

ENOCH MARTIN, *Assistant Director*,
Phone Capitol 6611, Station 537,
Springfield, Illinois.

STATE MINING BOARD

JAMES MCSHERRY, *Chairman Ex-Officio*, Springfield, Illinois.

L. A. WASSON, *Mine Officer*, Harrisburg, Illinois, Phone 120 or 175.

J. W. STARKS, *Mine Officer*, Box 311, Marion, Illinois.

JESSE JACKSON, *Mine Officer*, 1201 Benton St., Johnston City, Illinois, Phone 216.

GEORGE A. KNOX, *Secy.*, 6 Helston Place, Hillsboro, Illinois, Phone 335L.

DIVISION OF MINE RESCUE

Belleville, ARTHUR BRADBURY, *Superintendent*, 1013 West Main St., Phone 1460.

Benton, HOUSTON W. WEBB, *Superintendent*, 503 E. Main St., Phone 67.

DuQuoin, JOSEPH MORRIS, *Superintendent*, 11 S. Mulberry St., Phone Main 36.

Harrisburg, LLOYD DUNCAN, *Superintendent*, 617 N. Jackson St., Phone 988.

Herrin, BARNEY T. MCSHERRY, *Superintendent*, 120 N. Eighth St., Phone 5401.

LaSalle, PETER H. PROCTOR, *Superintendent*, 245 Buck St., Phone 27.

Springfield, LEO CHITTY, *Superintendent*, 6th and Princeton, Phone 5831.

MINING INVESTIGATION COMMISSION

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HERMAN LISSE, *Secretary*, Taylorville, Illinois.

JOHN E. JONES, West Frankfort, Illinois.

F. W. HECKENKAMP, Quincy, Illinois.

D. W. BRITT, Danville, Illinois.

E. A. POWERS, Peoria, Illinois.

BRICE HOLLAND, West Frankfort, Illinois.

D. D. WILCOX, Gillespie, Illinois.

HENRY VAUGHN, Harrisburg, Illinois.

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 T. ALVIN SCULLY, *Civil Engineer*.
 GEORGE M. RYAN, *Mining Statistician*.
 J. B. FARIS, *Bookkeeper*.
 RITA CRONIN, *Private Secretary*.
 GERTRUDE E. KOLKMEYER, *Stenographer*.
 KENT NISBET, *File Clerk*.

MINERS' EXAMINING BOARD

District

- 1 STEVE L. FALETTA, *State Mine Inspector*, Spring Valley, Illinois.
 JOHN VITTON, *Member*, Ladd, Illinois.
 JAMES CASASSA, *Member*, Spring Valley, Illinois.
- 2 GEORGE H. DEEMY, *State Mine Inspector*, Peoria, Illinois.
 WILLIAM E. COOK, *Member*, R. F. D. No. 1, Peoria, Illinois.
 JOHN M. PEARS, *Member*, 102 Fremont St., Peoria, Illinois.
- 3 F. M. GUTHRIE, *State Mine Inspector*, Farmington, Illinois.
 ARMIL STEVENOR, *Member*, R. F. D. No. 6, Canton, Illinois.
 GEORGE H. LOWERY, *Member*, R. F. D. No. 3, Galesburg, Illinois.
- 4 HARRY ROBERTS, *State Mine Inspector*, Edinburg, Illinois—
President.
 JOHN JOYCE, *Member*, 1800 E. Pine St., Springfield, Illinois—
Secretary.
 M. E. CUMMINGS, *Member*, 1101½ E. Market St., Taylorville,
 Illinois.
- 5 THOMAS MCKENNA, *State Mine Inspector*, Danville, Illinois.
 GEORGE R. SMITH, *Member*, Westville, Illinois.
 WALTER J. STUEBE, *Member*, 209 N. Bowman Ave., Danville,
 Illinois.
- 6 JOE FIRTH, JR., *State Mine Inspector*, Benld, Illinois.
 PAUL TOSETTI, *Member*, Nokomis, Illinois.
 EDWARD LEICHSENRING, *Member*, Mt. Olive, Illinois.
- 7 JOHN B. SCHMACKER, *State Mine Inspector*, Collinsville, Illinois.
 WILLIAM BEUTEL, *Member*, Troy, Illinois.
 GUSTAVE GADILLE, *Member*, R. F. D. Staunton, Illinois.
- 8 DAVID T. STUART, *State Mine Inspector*, Belleville, Illinois.
 JOHN AMLUNG, *Member*, 9 So. Oak St., Belleville, Illinois.
 JAMES DONOVAN, *Member*, Beckemeyer, Illinois.
- 9 LEONARD FORESTER, *State Mine Inspector*, Percy, Illinois.
 HOLLIE CROSS, *Member*, Coulterville, Illinois.
 FRED HEIM, SR., *Member*, Sparta, Illinois.

District

- 10 WILLIAM J. JOHNSON, *State Mine Inspector*, Christopher, Illinois.
 GEORGE CHISMAR, *Member*, Box 92, West Frankfort, Illinois.
 ED RILEY, *Member*, 220 Wilcox Ave., Zeigler, Illinois.
- 11 MICHAEL TAGGART, *State Mine Inspector*, Eldorado, Illinois.
 THEODORE JOHNSON, *Member*, 821 Dewey St., Eldorado, Illinois.
 HUGH WALLACE, *Member*, Eldorado, Illinois.
- 12 FRED SCHOONOVER, *State Mine Inspector*, Carterville, Illinois.
 JOHN BELL, *Member*, Colp, Illinois.
 DAN McSPADDEN, *Member*, 500 So. 22nd St., Herrin, Illinois.
- 13 BENN PITTS, *State Mine Inspector*, Odin, Illinois.
 ALEX REESE, *Member*, 129 Prairie St., Centralia, Illinois.
 PETER LENZINI, *Member*, 1403 So. Hickory St., Centralia, Illinois.
- 14 STANLEY B. INGERSKI, *State Mine Inspector*, Macomb, Illinois.
 ED A. NIGHTINGALE, *Member*, Coal Valley, Illinois.
 DAN BUBAN, *Member*, Matherville, Illinois.

LIST OF INSPECTORS

First District—Bureau, Grundy, Henry, Kendall, Kankakee, LaSalle, Livingston, Mercer, Putnam, Rock Island and Will Counties.

STEVE L. FALETTA, *Inspector*, 530 Ryall Ave., Marseilles, Illinois.

Second District—Marshall, McLean, Peoria, Stark, Tazewell, and Woodford Counties.

GEORGE H. DEEMY, *Inspector*, 511 Laura Street, Peoria, Illinois.

Third District—Adams, Brown, Fulton, Hancock, Henderson, Knox, Mason, McDonough, Schuyler and Warren Counties.

F. M. GUTHRIE, *Inspector*, 347 E. Fulton Street, Farmington, Illinois.

Fourth District—Cass, Christian, Logan, Menard, Morgan, Pike, Sangamon and Scott Counties.

HARRY ROBERTS, *Inspector*, Edinburg, Illinois.

Fifth District—Champaign, Coles, DeWitt, Douglas, Edgar, Ford, Iroquois, Macon, Moultrie, Piatt and Vermilion Counties.

THOMAS MCKENNA, *Inspector*, 1344 N. Walnut Street, Danville, Illinois.

Sixth District—Calhoun, Greene, Jersey, Macoupin, Montgomery and Shelby Counties.

JOE FIRTH, JR., *Inspector*, Benld, Illinois.

Seventh District—Bond, Clark, Clay, Crawford, Cumberland, Effingham, Fayette, Jasper, Lawrence, Madison, Marion and Richland Counties.

BENN PITTS, *Inspector*, Odin, Illinois.

Eighth District—Clinton, Monroe and St. Clair Counties.

DAVID T. STUART, *Inspector*, 132A West Main Street, Belleville, Illinois.

Ninth District—Jackson, Perry, Randolph and Washington Counties.

LEONARD FORESTER, *Inspector*, Percy, Illinois.

Tenth District—Franklin and Jefferson Counties.

WILLIAM J. JOHNSON, *Inspector*, 503 S. Thomas St., Christopher, Illinois.

Eleventh District—Edwards, Gallatin, Hamilton, Hardin, Pope, Saline, Wabash, Wayne and White Counties.

MICHAEL TAGGART, *Inspector*, 2116 Forrest, Eldorado, Illinois.

Twelfth District—Alexander, Johnson, Massac, Pulaski, Union and Williamson Counties.

FRED SCHOONOVER, *Inspector*, Route No. 1, Carterville, Illinois.

OSCAR SAUNDERS, *Inspector-at-Large*, DuQuoin, Illinois.

JOHN RANCILIO, *Inspector-at-Large*, Herrin, Illinois.

HARRY ADAMS, *Economic Investigator*, Sparta, Illinois.

HOMER HARRIS, *Metal Mines Inspector*, Rosiclare, Illinois.

LIST OF INSPECTORS

Pursuant to the provisions of Senate Bill No. 627, Amendments to Mining Law, approved July 13, 1939, the State was redistricted into fourteen districts and the changes in Inspection Districts with the Counties forming same with the name and address of the State Mine Inspectors follow:

First District—Bureau, Grundy, Kankakee, Kendall, LaSalle, Livingston, Marshall, Putnam and Will Counties.

STEVE L. FALETTA, *Inspector*, 530 Ryall Ave., Marseilles, Illinois.

Second District—Logan, McLean, Peoria, Stark, Tazewell and Woodford Counties.

GEORGE H. DEEMY, *Inspector*, 511 Laura Street, Peoria, Illinois.

Third District—Cass, Fulton, Henry, Knox and Mason Counties.

F. M. GUTHRIE, *Inspector*, 347 E. Fulton Street, Farmington, Illinois.

Fourth District—Christian, Macon, Menard, Morgan, Sangamon and Shelby Counties.

HARRY ROBERTS, *Inspector*, Edinburg, Illinois.

Fifth District—Champaign, Clark, Coles, Cumberland, DeWitt, Douglas, Edgar, Ford, Iroquois, Moultrie, Piatt and Vermilion Counties.

THOMAS MCKENNA, *Inspector*, 1344 N. Walnut Street, Danville, Illinois.

Sixth District—Bond, Fayette, Macoupin and Montgomery Counties.

JOE FIRTH, JR., *Inspector*, Benld, Illinois.

Seventh District—Calhoun, Greene, Jersey, Madison, Pike and Scott Counties.

JOHN B. SCHMACKER, *Inspector*, 449 S. Chestnut Street, Collinsville, Illinois.

Eighth District—Clinton, Monroe and St. Clair Counties.

DAVID T. STUART, *Inspector*, 132A West Main Street, Belleville, Illinois.

Ninth District—Jackson, Perry and Randolph Counties.

LEONARD FORESTER, *Inspector*, Percy, Illinois.

Tenth District—Franklin and Jefferson Counties.

WILLIAM J. JOHNSON, *Inspector*, 503 S. Thomas Street, Christopher, Illinois.

Eleventh District—Gallatin, Hamilton, Hardin, Pope, Saline and White Counties.

MICHAEL TAGGART, *Inspector*, 2116 Forrest, Eldorado, Illinois.

Twelfth District—Alexander, Johnson, Massac, Pulaski, Union and Williamson Counties.

FRED SCHOONOVER, *Inspector*, Route No. 1, Carterville, Illinois.

Thirteenth District—Clay, Crawford, Edwards, Effingham, Jasper, Lawrence, Marion, Richland, Wabash, Washington and Wayne Counties.

BENN PITTS, *Inspector*, Odin, Illinois.

Fourteenth District—Adams, Brown, Hancock, Henderson, McDonough, Mercer, Rock Island, Schuyler and Warren Counties.

STANLEY B. INGERSKI, *Inspector*, Pace Hotel, Macomb, Illinois.

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County	Inspection District
Adams	Third
Alexander	Twelfth
Bond	Seventh
Brown	Third
Bureau	First
Calhoun	Sixth
Cass	Fourth
Champaign	Fifth
Christian	Fourth
Clark	Seventh
Clay	Seventh
Clinton	Eighth
Coles	Fifth
Crawford	Seventh
Cumberland	Seventh
DeWitt	Fifth
Douglas	Fifth
Edgar	Fifth
Edwards	Eleventh
Effingham	Seventh
Fayette	Seventh
Ford	Fifth
Franklin	Tenth
Fulton	Third
Gallatin	Eleventh
Greene	Sixth
Grundy	First
Hamilton	Eleventh
Hancock	Third
Hardin	Eleventh
Henderson	Third
Henry	First
Iroquois	Fifth
Jackson	Ninth
Jasper	Seventh
Jefferson	Tenth
Jersey	Sixth
Johnson	Twelfth
Kankakee	First
Kendall	First
Knox	Third
LaSalle	First
Lawrence	Seventh
Livingston	First

County	Inspection District
Logan	Fourth
Macon	Fifth
Macoupin	Sixth
Madison	Seventh
Marion	Seventh
Marshall	Second
Mason	Third
Massac	Twelfth
Menard	Fourth
Mercer	First
Monroe	Eighth
Montgomery	Sixth
Morgan	Fourth
Moultrie	Fifth
McDonough	Third
McLean	Second
Peoria	Second
Perry	Ninth
Piatt	Fifth
Pike	Fourth
Pope	Eleventh
Pulaski	Twelfth
Putnam	First
Randolph	Ninth
Richland	Seventh
Rock Island	First
St. Clair	Eighth
Saline	Eleventh
Sangamon	Fourth
Schuyler	Third
Scott	Fourth
Shelby	Sixth
Stark	Second
Tazewell	Second
Union	Twelfth
Vermilion	Fifth
Wabash	Eleventh
Warren	Third
Washington	Ninth
Wayne	Eleventh
White	Eleventh
Will	First
Williamson	Twelfth
Woodford	Second

Pursuant to the provisions of Senate Bill No. 627, Amendments to Mining Law, approved July 13, 1939, the State was redistricted into fourteen inspection districts and the changes of counties and inspection districts follow:

County	Inspection District	County	Inspection District
Adams	Fourteenth	Logan	Second
Alexander	Twelfth	Macon	Fourth
Bond	Sixth	Macoupin	Sixth
Brown	Fourteenth	Madison	Seventh
Bureau	First	Marion	Thirteenth
Calhoun	Seventh	Marshall	First
Cass	Third	Mason	Third
Champaign	Fifth	Massac	Twelfth
Christian	Fourth	Menard	Fourth
Clark	Fifth	Mercer	Fourteenth
Clay	Thirteenth	Monroe	Eighth
Clinton	Eighth	Montgomery	Sixth
Coles	Fifth	Morgan	Fourth
Crawford	Thirteenth	Moultrie	Fifth
Cumberland	Fifth	McDonough	Fourteenth
DeWitt	Fifth	McLean	Second
Douglas	Fifth	Peoria	Second
Edgar	Fifth	Perry	Ninth
Edwards	Thirteenth	Piatt	Fifth
Effingham	Thirteenth	Pike	Seventh
Fayette	Sixth	Pope	Eleventh
Ford	Fifth	Pulaski	Twelfth
Franklin	Tenth	Putnam	First
Fulton	Third	Randolph	Ninth
Gallatin	Eleventh	Richland	Thirteenth
Greene	Seventh	Rock Island	Fourteenth
Grundy	First	St. Clair	Eighth
Hamilton	Eleventh	Saline	Eleventh
Hancock	Fourteenth	Sangamon	Fourth
Hardin	Eleventh	Schuyler	Fourteenth
Henderson	Fourteenth	Scott	Seventh
Henry	Third	Shelby	Fourth
Iroquois	Fifth	Stark	Second
Jackson	Ninth	Tazewell	Second
Jasper	Thirteenth	Union	Twelfth
Jefferson	Tenth	Vermilion	Fifth
Jersey	Seventh	Wabash	Thirteenth
Johnson	Twelfth	Warren	Fourteenth
Kankakee	First	Washington	Thirteenth
Kendall	First	Wayne	Thirteenth
Knox	Third	White	Eleventh
LaSalle	First	Will	First
Lawrence	Thirteenth	Williamson	Twelfth
Livingston	First	Woodford	Second

FIFTY-EIGHTH ANNUAL COAL REPORT

Herewith is presented the Fifty-eighth annual coal report of the coal industry of Illinois together with reports of all other industries which come under the supervision of the Department of Mines and Minerals.

Interest in first aid training and accident prevention work continues high and the Department is pleased to announce special recognition by way of Joseph A. Holmes Safety Association awards to

New Orient Mine, The Chicago, Wilmington & Franklin Coal Co.,
West Frankfort, Illinois.

Mine No. 1, Crescent Mining Co., Peoria County, Illinois.

And certificate of honor for long-time employment in mining without an accident to himself to William Burke, Crescent Mining Co., Peoria, Illinois.

The Department expresses its appreciation of the cooperation given by the United States Bureau of Mines Station, Vincennes, Indiana in the conduct of First aid training and accident prevention campaigns during the year.

SPECIAL NOTICE

From January 1, 1939 to August 1, 1939, the State was divided into TWELVE INSPECTION DISTRICTS. Pursuant to amendments to the General Mining Laws passed by the 61st General Assembly and approved July 13, 1939, the State was divided into FOURTEEN INSPECTION DISTRICTS. Changes affecting many counties in transferring them from one district to another under the new laws made it impossible to give proper credit to the New Districts and therefore, this book report carries only TWELVE Districts as in former years. The annual coal report for 1940 will carry fourteen Inspection Districts.

TABLE A—MINES AND PRODUCTION.

	1938		1939		Increase (+). Decrease (—).		Per cent of Increase (+). Decrease (—).	
	Mines.	Tons.	Mines.	Tons.	Mines.	Tons.	Mines.	Tons.
Shipping.....	149	38,442,859	146	42,994,107	—3	+4,551,248	—2.0	+11.8
Local.....	820	3,944,509	830	4,633,347	+10	+688,838	+1.2	+17.5
Total.....	969	42,387,368	976	47,627,454	+7	+5,240,086	+ .7	+12.4

TABLE B—WORKING TIME

	Average days worked.			
	1938	1939	Increase (+). Decrease (—).	Per cent of Increase (+). Decrease (—).
Shipping.....	135	148	+13	+9.6
Local.....	123	123	-----	-----
Total.....	125	125	-----	-----

TABLE C—EMPLOYEES

	Number employed.		Gain (+). Loss (—).	Per cent* of Gain (+). Loss (—).
	1938	1939		
Shipping.....	35,247	33,034	—2,213	—6.3
Local.....	8,173	7,875	—298	—3.6
Total.....	43,420	40,909	—2,511	—5.8

MECHANICAL LOADING

TABLE D—THE RECORD OF MECHANICAL LOADING IN ILLINOIS COAL MINES FOR THE YEARS 1928 TO 1939 INCLUSIVE.

Year.	Entire output.			Part of output.			Total.			Per cent of	
	Mines.	Machines.	Tons.	Mines.	Machines.	Tons.	Mines.	Machines.	Tons.	Mines.	Tons.
1928.....	17	177	2,299,720	37	875	4,442,434	54	1,052	6,742,154	23.0	13.5
1929.....	22	603	5,862,615	51	1,525	11,947,753	73	2,128	17,810,368	30.9	33.1
1930.....	31	1,307	13,583,912	38	931	9,666,169	69	2,238	23,250,081	40.0	50.8
1931.....	36	1,504	15,138,330	38	910	7,307,474	74	2,414	22,445,804	49.0	61.4
1932.....	41	1,702	10,899,565	27	578	4,513,091	68	2,280	15,412,656	42.0	49.1
1933.....	32	1,313	13,344,573	19	439	4,421,643	51	1,752	17,766,216	32.1	50.2
1934.....	32	1,364	15,107,934	16	257	3,492,240	48	1,621	18,600,174	27.9	48.1
1935.....	33	1,322	16,649,144	21	304	4,002,563	54	1,626	20,651,707	29.7	49.9
1936.....	37	1,210	18,540,558	27	363	6,664,612	64	1,573	25,205,170	36.4	53.3
1937.....	42	1,127	21,192,003	27	329	7,182,359	69	1,456	28,374,362	41.1	59.0
1938.....	45	935	19,360,718	20	222	4,089,756	65	1,157	23,450,474	43.6	61.0
1939.....	47	611	20,023,681	19	245	6,631,983	66	856	26,655,664	45.2	62.0

TABLE E—BELOW SETS FORTH THE STATISTICS COMPILED BY THE DEPARTMENT OF MINES AND MINERALS ON MACHINE MINING FOR THE PERIOD 1928 TO 1939 INCLUSIVE.

Year.	Entire output.			Part of output.			Total.			Per cent of	
	Mines.	Machines.	Tons.	Mines.	Machines.	Tons.	Mines.	Machines.	Tons.	Mines.	Tons.
1928.....	84	1,245	25,134,248	55	813	19,506,953	139	2,058	44,641,201	67.5	82.2
1929.....	92	1,324	31,883,147	47	665	18,476,517	139	1,989	50,359,664	69.5	85.2
1930.....	90	1,100	29,629,055	37	506	13,082,958	127	1,606	32,712,013	68.6	62.9
1931.....	85	1,103	28,190,836	36	282	5,425,234	111	1,385	33,616,070	66.5	78.0
1932.....	81	989	19,599,599	21	155	2,986,486	102	1,144	22,586,085	53.0	71.9
1933.....	79	905	25,237,315	15	109	2,015,606	94	1,014	27,252,921	59.1	77.0
1934.....	87	929	27,321,330	14	113	2,411,683	101	1,042	29,733,013	58.7	76.9
1935.....	88	903	28,985,205	15	107	2,144,948	103	1,010	31,130,153	56.5	75.2
1936.....	93	981	32,700,420	15	81	3,127,236	108	1,062	35,827,656	61.4	78.8
1937.....	90	884	33,816,349	13	43	740,321	103	927	34,031,392	61.3	64.9
1938.....	92	835	26,628,582	7	23	310,720	99	858	26,939,302	61.7	63.6
1939.....	92	746	30,312,078	5	9	285,292	97	755	30,597,370	66.4	71.2

ACCIDENTS

**TABLE F—COMPARATIVE STATISTICS OF FATAL AND NON-FATAL
ACCIDENTS ARE SHOWN IN TABLE F BELOW, FOR THE TWELVE
YEAR PERIOD—1928 TO 1939.**

Year.	Accidents.		Tons mined to one—		Employees to one—		Man days to one—	
	Fatal.	Non-fatal.	Fatal.	Non-fatal.	Fatal.	Non-fatal.	Fatal.	Non-fatal.
1928.....	139	5,785	404,396	9,392	471	11	62,209	1,495
1929.....	109	6,621	560,805	9,232	538	9	71,498	1,177
1930.....	112	5,106	482,456	10,550	500	11	61,012	1,338
1931.....	90	3,800	501,696	11,854	595	14	75,565	1,790
1932.....	114	2,643	299,205	12,884	452	19	56,076	2,418
1933.....	71	3,018	539,720	12,697	683	16	81,228	1,911
1934.....	86	3,133	485,164	13,318	576	16	70,220	1,928
1935.....	82	3,147	548,942	14,304	599	16	67,063	1,747
1936.....	93	3,165	553,504	16,203	528	15	63,448	1,864
1937.....	83	2,887	655,810	18,854	561	16	74,086	2,130
1938.....	84	2,240	504,612	18,923	516	19	64,613	2,422
1939.....	80	1,887	595,343	25,240	511	22	63,920	2,710

**SHIPPING MINES WHICH SUSPENDED OPERATIONS DURING THE PERIOD
1931 TO 1939 INCLUSIVE SHOWING DATE OF LAST OPERATION.**

Name of operator.	District.	County.	Month.	Year.
Alcoa Ore Co.....	8	St. Clair.....	March.....	1932
Brewerton Coal Co., No. 22.....	10	Franklin.....	November.....	1934
Brewerton Coal Co., No. 92.....	4	Logan.....	February.....	1933
Canton Coal Co.....	3	Fulton.....	October.....	1934
Carterville Mining & Engineering Co.....	12	Williamson.....	April.....	1937
Carterville Peacock Coal Co., No. 2.....	12	Williamson.....	December.....	1932
City Lake Coal Co.....	12	Williamson.....	May.....	1935
Cosgrove-Meehan Coal Co., No. 3.....	12	Williamson.....	February.....	1933
Cosgrove-Meehan Coal Co., No. 5.....	6	Montgomery.....	March.....	1933
Dorthel Coal Co., No. 2.....	3	Fulton.....	March.....	1936
Franklin Mining Co.....	10	Franklin.....	October.....	1934
Gill Coal Co.....	8	St. Clair.....	March.....	1937
Henrietta Coal Co., H. T.....	7	Madison.....	July.....	1931
Jefferies Coal Co., No. 1.....	12	Williamson.....	December.....	1935
Jefferies Coal Co., No. 3.....	12	Williamson.....	April.....	1937
Jones Bros. Mining Co., No. 1.....	8	St. Clair.....	February.....	1935
Little Muddy Coal Co.....	9	Jackson.....	July.....	1933
Madison Coal Corp., No. 2.....	7	Madison.....	February.....	1931
Madison Coal Corp., No. 12.....	12	Williamson.....	March.....	1931
Old Ben Coal Corp., No. 18.....	12	Williamson.....	January.....	1936
Oregon Coal Co.....	9	Randolph.....	April.....	1937
Panther Creek Mines, No. 1.....	4	Sangamon.....	December.....	1932
Panther Creek Mines, No. 3.....	4	Sangamon.....	February.....	1931
Peabody Coal Co., No. 25.....	12	Williamson.....	September.....	1933
Peabody Coal Co., No. 42.....	11	Saline.....	October.....	1933
Peabody Coal Co., No. 51.....	4	Sangamon.....	April.....	1934
Peabody Coal Co., No. 52.....	4	Sangamon.....	March.....	1932
Peacock Coal Co.....	9	Jackson.....	December.....	1935
Perry Coal Co., Carbon.....	8	St. Clair.....	March.....	1937
Perry Coal Co., Taylor.....	8	St. Clair.....	January.....	1932
Peterson Coal Co.....	3	Fulton.....	August.....	1937
Sahara Coal Co., No. 3.....	11	Saline.....	January.....	1936
Skaggs Coal Co.....	12	Williamson.....	January.....	1931
Summit Coal Co.....	8	St. Clair.....	December.....	1933
Sunrise Coal Co.....	12	Williamson.....	December.....	1933
Stiers Bros. Construction Co.....	7	Madison.....	May.....	1935
Talbot Coalery Co.....	9	Perry.....	April.....	1935
Truax-Traer Coal Co., No. 1.....	9	Jackson.....	July.....	1935
United Electric Coal Co., No. 1.....	5	Vermilion.....	October.....	1933
United States Fuel Co., Verm.....	5	Vermilion.....	March.....	1932

SHIPPING MINES WHICH SUSPENDED OPERATIONS DURING THE PERIOD
1931 TO 1939 INCLUSIVE, SUMMARY BY COUNTIES.

Franklin.....	2	Madison.....	3	St. Clair.....	6
Fulton.....	3	Montgomery.....	1	Saline.....	2
Jackson.....	3	Perry.....	1	Sangamon.....	5
Logan.....	1	Randolph.....	1	Vermilion.....	2
				Williamson.....	11

COMPARATIVE ANNUAL PRODUCTION FIGURES, 1939 AND FOUR PREVIOUS
YEARS.

	1939	1938	1937	1936	1935
Illinois.....	47,627,454	42,387,368	52,432,255	51,475,899	45,013,278
Indiana.....	7,204,168	13,317,350	9,676,095	16,420,000	a 15,440,000
Kentucky.....	b	a 38,139,837	a 47,053,000	47,713,731	a 40,478,000
Pennsylvania.....	b	76,881,944	110,417,947	108,527,291	a 90,795,000
West Virginia.....	108,515,665	93,511,099	118,965,066	118,134,202	a 98,589,000

a Estimated by U. S. Bureau of Mines.

b Not reported.

DIRECTORY OF

No.	Name of operator and mine.	Location of mine.		
		Dis- trict.	County.	Post office.
1	Alpha Coal Mine.....	1	Henry	Alpha.....
2	Beaucoup Coal Co.....	9	Perry	Pinckneyville.....
3	Bankston Creek Collieries Co., No. 4.....	11	Saline	Harrisburg.....
4	Bankston Creek Collieries Co., No. 5.....	11	Saline	Carrier Mills.....
5	Bankston Creek Collieries Co., No. 6.....	11	Saline	Carrier Mills.....
6	Beckemeyer Coal Co.....	8	Clinton	Beckemeyer.....
7	Bell & Zoller Coal & Mining Co., No. 1.....	10	Franklin	Zeigler.....
8	Bell & Zoller Coal & Mining Co., No. 2.....	10	Franklin	Zeigler.....
9	Blakley Coal Co.....	3	Fulton	Canton.....
10	Blue Bird Coal Co., No. 6.....	11	Saline	Carrier Mills.....
11	Bois Coal Co.....	9	Washington	Dubois.....
12	Buffalo Rock Coal Co.....	1	LaSalle	Ottawa.....
13	Burn Well Coal Co.....	7	Madison	Collinsville.....
14	Centralia Coal Co., No. 5.....	9	Washington	Centralia.....
15	Central Illinois Coal Mining Co., No. "A".....	4	Sangamon	Springfield.....
16	Central State Collieries, Inc.....	3	Fulton	St. David.....
17	Chicago, Wilmington & Franklin Coal Co., No. 1.....	10	Franklin	Orient.....
18	Chicago, Wilmington & Franklin Coal Co., New Orient.....	10	Franklin	West Frankfort.....
19	Chicopee Coal Co.....	7	Madison	Troy.....
20	Citizens Coal Co.....	8	Clinton	Breese.....
21	Clarkson Coal & Mining Co.....	9	Washington	Nashville.....
22	Conant Coal Co.....	9	Perry	Conant.....
23	Consolidated Coal Co., Buckhorn.....	12	Williamson	Herrin.....
24	Consolidated Coal Co., Jefferson No. 20.....	10	Jefferson	Nason.....
25	Consolidated Coal Co., New Monarch.....	12	Williamson	Herrin.....
26	Consolidated Coal Co., No. 7.....	6	Macoupin	Staunton.....
27	Consolidated Coal Co., No. 15.....	6	Macoupin	Mt. Olive.....
28	Coulterville Coal Co.....	9	Perry	Coulterville.....
29	Cox Coal Co.....	12	Williamson	Marion.....
30	C. & R. Coal Co.....	9	Perry	Cutler.....
31	Crain Coal Co.....	9	Randolph	Percy.....
32	Crescent Mining Co., No. 1.....	2	Peoria	Peoria.....
33	Crescent Mining Co., No. 6.....	2	Peoria	Peoria.....
34	Cutler Coal Co., Inc.....	9	Perry	Cutler.....
35	Delta Coal Mining Co.....	12	Williamson	Marion.....
36	Diamond Coal Co., No. 3.....	12	Williamson	Herrin.....
37	Edgar Coal Co.....	9	Perry	Tamaroa.....
38	Forsyth-Carterville Coal Co.....	12	Williamson	Carterville.....
39	Franklin County Coal Corp., No. 5.....	10	Franklin	Herrin.....
40	Franklin County Coal Corp., No. 7.....	10	Franklin	Royalton.....
41	Freeburg Coal Co.....	8	St. Clair	Freeburg.....
42	Freeman Coal Mining Co.....	12	Williamson	Herrin.....
43	Gillespie Coal Co.....	6	Macoupin	Gillespie.....
44	Golden Rule Coal Co.....	3	Fulton	Middle Grove.....
45	Golden Rule Coal Co.....	8	St. Clair	Lenzburg.....
46	Grape Creek Mining Co.....	5	Vermilion	Danville.....
47	Groom Coal Co.....	8	St. Clair	Belleville.....
48	Gundlach Coal Co.....	8	St. Clair	East St. Louis.....
49	H. & H. Coal Co.....	11	White	Norris City.....
50	Hillsboro Mining Co.....	6	Montgomery	Hillsboro.....
51	Home Coal Co.....	9	Perry	Tamaroa.....
52	Illinois Colliery Co.....	3	Fulton	Farmington.....
53	Ill-Mo Coal Co.....	9	Randolph	Sparta.....
54	Illinois-Pocahontas Coal Co.....	7	Bond	Pocahontas.....
55	Indiana & Illinois Coal Corp., No. 10.....	6	Montgomery	Nokomis.....
56	Lake Erie Mining Co.....	2	Tazewell	Peoria.....
57	Lenzburg Coal Co.....	8	St. Clair	Lenzburg.....
58	Lincoln City Coal Co., Inc.....	5	Edgar	St. Berniece.....
59	Lincoln Liquidating Corp.....	6	Macoupin	Viriden.....
60	Little John Coal Co., No. 5.....	3	Knox	Victoria.....
61	Livingston-Mt. Olive Coal Co.....	7	Madison	Livingston.....
62	Lumaghi Coal Co., No. 2.....	7	Madison	Collinsville.....
63	McLaren Coal Co., No. 1.....	12	Williamson	Carterville.....
64	M. & S. Coal Co.....	12	Williamson	Pittsburg.....
65	Macon County Coal Co.....	5	Macon	Decatur.....
66	Madison County Coal & Mining Co.....	7	Madison	Edwardsville.....
67	Marion County Coal Co.....	7	Marion	Centralia.....

SHIPPING MINES.

General superintendent.	Superintendent of mine.	Local mine manager.	Address of main office of company.	No.
Chas. Shuler, Jr.	Dave Patterson	Dave Patterson	Alpha, Ill.	1
H. Taylor	a	H. Taylor	Pinckneyville, Ill.	2
Paul Halbersleben	Clifford Goodwin	Walter Sadler	59 E. Van Buren St., Chicago, Ill.	3
Paul Halbersleben	George Eadie	Sam Cape	59 E. Van Buren St., Chicago, Ill.	4
Paul Halbersleben	George Eadie	a	59 E. Van Buren St., Chicago, Ill.	5
a	Wm. Meier	Wm. Zager	Beckemeyer, Ill.	6
J. M. Johnston	Lee Haskins	John McGreavy	Bell Bldg., Chicago, Ill.	7
J. M. Johnston	Dale Carter	Wm. Guiney	Bell Bldg., Chicago, Ill.	8
Wm. Blakley	Wm. Lang	Wm. Lang	R. F. D. No. 4, Canton, Ill.	9
W. R. Unsell	Guy Hargett	Guy Hargett	Carrier Mills, Ill.	10
Wm. Heck	a	Theo. Heck	Dubois, Ill.	11
F. H. Bird	C. C. Balser	C. C. Balser	Ottawa, Ill.	12
a	a	Peter McKernan	Collinsville, Ill.	13
R. J. Oldham	D. R. Schooler	H. A. Berger	307 N. Michigan Ave., Chicago, Ill.	14
a	John McKiers	a	P. O. Box 396, Springfield, Ill.	15
H. N. Case	Geo. W. Wilson	a	1706 Arcade Bldg., St. Louis, Mo.	16
H. A. Treadwell	John Rodenbush	James Eadie	Room 407, 332 S. Michigan Ave., Chicago, Ill.	17
H. A. Treadwell	John R. Foster	J. T. Smith	Room 407, 332 S. Michigan Ave., Chicago, Ill.	18
a	J. W. Cullen	Fred Schrameck	Troy, Ill.	19
Frank B. Nieman,	a	Henry Knies	Breese, Ill.	20
Trustee	a	John L. Clarkson	Nashville, Ill.	21
John L. Clarkson	Sam Day	L. L. Freeman	Conant, Ill.	22
Fred W. Beck	a	Dreus Pierce	Railway Exchange Bldg., St. Louis, Mo.	23
G. S. Jenkins	H. A. Maconaghie	Geo. Gravens	Railway Exchange Bldg., St. Louis, Mo.	24
G. S. Jenkins	H. A. Maconaghie	S. L. Hurst	Railway Exchange Bldg., St. Louis, Mo.	25
G. S. Jenkins	S. F. Grone	John Shamblin	Railway Exchange Bldg., St. Louis, Mo.	26
G. S. Jenkins	J. D. Neal	a	Railway Exchange Bldg., St. Louis, Mo.	27
James O'Brien	a	James O'Brien	Coulterville, Ill.	28
Clyde E. Cox	Clyde E. Cox	Clyde E. Cox	Marion, Ill.	29
Bert Rednour	Ora Rednour	Arthur Rednour	Cutler, Ill.	30
a	a	Don Crain	Percy, Ill.	31
N. C. Prudent	N. C. Prudent	Harry Wilkinson	307 N. Michigan Ave., Chicago, Ill.	32
N. C. Prudent	N. C. Prudent	Chas. Carson	307 N. Michigan Ave., Chicago, Ill.	33
a	a	E. W. Carter	Cutler, Ill.	34
Merl C. Kelce	W. H. Price	a	1012 Baltimore Ave., Kansas City, Mo.	35
John Coloni	a	Ben Wills	215 N. 18th St., Herrin, Ill.	36
a	a	Wm. Edgar	Tamara, Ill.	37
W. R. Forsyth	W. R. Forsyth	a	807 Fullerton Bldg., St. Louis, Mo.	38
Byron Brown	a	James Sneddon	1740 Field Bldg., Chicago, Ill.	39
Byron Brown	a	J. E. O'Neil	1740 Field Bldg., Chicago, Ill.	40
a	a	Lucien Kennett	Freeburg, Ill.	41
F. H. Seymour	F. H. Seymour	W. H. Flynn	Herrin, Ill.	42
Nat Farnsworth	Nat Farnsworth	Nat Farnsworth	Boatsmens Bank Bldg., St. Louis, Mo.	43
a	a	Robert Williams	Middle Grove, Ill.	44
a	a	Jos. A. Prediger	Lenzburg, Ill.	45
G. B. Gordon	G. B. Gordon	John Miles	Box 320, Danville, Ill.	46
Robert Groom	Robert Groom	Oscar Peterson	1906 W. Main St., Belleville, Ill.	47
O. E. Schaefer	a	Joe Johnson	Edgemont Sta., East St. Louis, Ill.	48
a	a	Wm. T. Edgar	Norris City, Ill.	49
Rice W. Miller	Frank Huml	Frank Huml	1123 School St., Hillsboro, Ill.	50
Geo. Smith	Geo. Smith	Geo. Smith	Tamara, Ill.	51
John Balagna	a	Henry Whited	Farmington, Ill.	52
H. W. Bradbury	a	E. Meyerhoff	Sparta, Ill.	53
a	Kenneth Woosley	Wm. Bernadine	320 N. 4th St., St. Louis, Mo.	54
John J. Fries	John J. Fries	John J. Fries	37 W. Van Buren St., Chicago, Ill.	55
a	a	E. J. Schuster	East Peoria, Ill.	56
a	a	Ed. Bailey	Lenzburg, Ill.	57
a	a	Geo. Seipman	610 Tribune Bldg., Terre Haute, Ind.	58
a	Joe Dubinick	a	Adams Bldg., Danville, Ill.	59
W. H. Stewart	L. H. Sherwood	L. H. Sherwood	1016 Merchants Bank Bldg., Indianapolis, Ind.	60
a	a	Ellis E. Vallow	Livingston, Ill.	61
a	B. H. Firth	Wm. T. Valine	408 Olive St., St. Louis, Mo.	62
W. S. McLaren	H. E. Collier	a	Marion, Ill.	63
A. H. Sandner	Ed. Mallaburn	John Paul	Pittsburg, Ill.	64
D. W. Beggs, Sr.	D. W. Beggs, Sr.	Paul Beggs	700 S. Main St., Decatur, Ill.	65
John Macke	John Macke	John Macke	Edwardsville, Ill.	66
Jno. W. Stedelen	Grover Wilkinson	Grover Wilkinson	Centralia, Ill.	67

No.	Name of operator and mine.	Location of mine.		
		Dis- trict.	County.	Post office.
68	Marissa Coal Co.....	8	St. Clair	Marissa.....
69	Marvel Coal Co.....	12	Williamson	Pittsburg.....
70	Mascoutah Coal & Mining Co.....	8	St. Clair	Mascoutah.....
71	Midland Electric Coal Corp., No. 1.....	1	Henry	Atkinson.....
72	Midland Electric Coal Corp., No. 2.....	3	Fulton	Farmington.....
73	Mine B Coal Co.....	4	Sangamon	Springfield.....
74	Moffat Coal Co., No. 1.....	9	Randolph	Sparta.....
75	Moffat Coal Co., No. 2.....	9	Randolph	Sparta.....
76	F. C. Morgan Coal Co.....	5	Vermilion	Danville.....
77	Mt. Olive Coal Co.....	6	Macoupin	Mt. Olive.....
78	Mt. Olive & Staunton Coal Co., No. 2.....	7	Madison	Staunton.....
79	Mulberry Hill Coal Co.....	8	St. Clair	Freeburg.....
80	New Galum Coal Co.....	9	Perry	Conant.....
81	Nokomis Coal Co.....	6	Montgomery	Nokomis.....
82	Northern Illinois Coal Corp., No. 10.....	1	Will.	Wilmington.....
83	Old Ben Coal Corp., No. 8.....	10	Franklin	West Frankfort.....
84	Old Ben Coal Corp., No. 11.....	10	Franklin	Coele.....
85	Old Ben Coal Corp., No. 14.....	10	Franklin	Buckner.....
86	Old Ben Coal Corp., No. 15.....	10	Franklin	West Frankfort.....
87	Osage Coal Co.....	1	LaSalle	Ottawa.....
88	Pana Coal Co., No. 1.....	4	Christian	Pana.....
89	Panther Creek Mines, Inc., No. 4.....	4	Sangamon	Springfield.....
90	Panther Creek Mines, Inc., No. 5.....	4	Sangamon	Springfield.....
91	Peabody Coal Co., No. 7.....	4	Christian	Kincaid.....
92	Peabody Coal Co., No. 8.....	4	Christian	Kincaid.....
93	Peabody Coal Co., No. 9.....	4	Christian	Taylorville.....
94	Peabody Coal Co., No. 14.....	9	Perry	DuQuoin.....
95	Peabody Coal Co., No. 18.....	10	Franklin	West Frankfort.....
96	Peabody Coal Co., No. 24.....	5	Vermilion	Danville.....
97	Peabody Coal Co., No. 43.....	11	Saline	Harrisburg.....
98	Peabody Coal Co., No. 47.....	11	Saline	Harco.....
99	Peabody Coal Co., No. 53.....	4	Sangamon	Springfield.....
100	Peabody Coal Co., No. 57.....	4	Sangamon	Springfield.....
101	Peabody Coal Co., No. 58.....	4	Christain	Taylorville.....
102	Peabody Coal Co., No. 59.....	4	Sangamon	Springfield.....
103	Penwell Coal Mining Co.....	4	Christian	Pana.....
104	Peerless Coal Co.....	12	Williamson	Cambria.....
105	Perfection Coal Co.....	9	Perry	DuQuoin.....
106	Perry Coal Co., St. Ellen.....	8	St. Clair	O'Fallon.....
107	Peru Deep Vein Coal Co., No. 3.....	1	LaSalle	Peru.....
108	Pinckneyville Mining Co., No. 5.....	9	Perry	Pinckneyville.....
109	Prairie Coal Co.....	8	St. Clair	Belleville.....
110	Pschirrer & Sons Coal Co., No. 3.....	3	Fulton	Canton.....
111	Pyramid Coal Corp.....	9	Perry	Pinckneyville.....
112	Rex Coal Co., No. 2.....	11	Saline	Eldorado.....
113	Sahara Coal Co., No. 1.....	11	Saline	Harrisburg.....
114	Sahara Coal Co., No. 10.....	11	Saline	Eldorado.....
115	St. Louis Coal Co.....	9	Randolph	Coulterville.....
116	St. Louis & O'Fallon Coal Co., No. 2.....	8	St. Clair	East St. Louis.....
117	Service Coal Co.....	8	St. Clair	Belleville.....
118	Seymour Coal Mining Co.....	12	Williamson	Herrin.....
119	Shuler Coal Co.....	1	Henry	Alpha.....
120	Skelton Coal Co.....	5	Vermilion	Muncie.....
121	South Mine Co.....	6	Macoupin	Carlinville.....
122	Southern Coal, Coke & Mining Co., No. 7.....	8	St. Clair	Belleville.....
123	Southwestern Illinois Coal Corp.....	9	Randolph	Percy.....
124	Spillertown Coal Co.....	12	Williamson	Marion.....
125	Spring Valley Coal Mining Co., No. 3.....	1	Bureau	Spring Valley.....
126	Superior Coal Co., No. 1.....	6	Macoupin	Gillespie.....
127	Superior Coal Co., No. 2.....	6	Macoupin	Gillespie.....
128	Superior Coal Co., No. 3.....	6	Macoupin	Gillespie.....
129	Superior Coal Co., No. 4.....	6	Macoupin	Gillespie.....
130	W. G. Sutton.....	2	Woodford	Minonk.....
131	Tilton Mining Co.....	5	Vermilion	Danville.....
132	Truax-Traer Coal Co., No. 2.....	9	Jackson	Elkville.....
133	Truax-Traer Coal Co., No. 1.....	3	Fulton	St. David.....

SHIPPING MINES—Continued.

General superintendent.	Superintendent of mine.	Local mine manager.	Address of main office of company.	No.
.....a.....	Hy Church.....	.....a.....	Marissa, Ill.....	68
.....a.....	.....a.....	J. Paul.....	Pittsburg, Ill.....	69
Edward A. Yoch.....	.....a.....	John Gray.....	Mascoutah, Ill.....	70
K. R. Bixby.....	H. R. Hays.....	H. R. Hays.....	1320 Fletcher Trust Bldg., Indianapolis, Ind.....	71
K. R. Bixby.....	K. R. Bixby.....	.....a.....	1320 Fletcher Trust Bldg., Indianapolis, Ind.....	72
Oscar Falcetti.....	.....a.....	Frank Seabert.....	Box 311, Springfield, Ill.....	73
J. D. Moffat.....	.....a.....	James R. Byrd.....	Sparta, Ill.....	74
J. D. Moffat.....	.....a.....	Charles Rednour.....	Sparta, Ill.....	75
.....a.....	Winnie Peugh.....	Robert Morgan.....	411 Underwriters Bldg., Indianapolis, Ind.....	76
John Hittmeier.....	John Hittmeier.....	Louis C. Ernst.....	Mt. Olive, Ill.....	77
.....a.....	S. F. McGurk.....	Sidney Smith.....	806 Laclede Gas Bldg., St. Louis, Mo.....	78
.....a.....	.....a.....	Fred W. Germann.....	Route No. 1, Freeburg, Ill.....	79
.....a.....	.....a.....	John Flynn.....	Conant, Ill.....	80
Rice W. Miller.....	Clint Richardson, Sr.....	Clint Richardson, Sr.....	Nokomis, Ill.....	81
R. S. Weimer.....	F. W. Uthoff.....	.....a.....	310 S. Michigan Ave., Chicago, Ill.....	82
R. L. Adams.....	H. Lewis.....	John Land.....	230 S. Clark St., Chicago, Ill.....	83
R. L. Adams.....	H. Lewis.....	G. G. Anderson.....	230 S. Clark St., Chicago, Ill.....	84
R. L. Adams.....	H. Lewis.....	Wilbur McCrory.....	230 S. Clark St., Chicago, Ill.....	85
R. L. Adams.....	H. Lewis.....	Joe McCann.....	230 S. Clark St., Chicago, Ill.....	86
J. F. Lake.....	Thos. Davison.....	J. F. Lake.....	Pittsburg, Kans.....	87
G. A. Shafer.....	S. S. Lewis.....	Jas. Gray.....	5 N. State St., Pana, Ill.....	88
R. C. Solomon.....	.....a.....	R. D. Solomon.....	225½ S. 6th St., Springfield, Ill.....	89
R. C. Solomon.....	R. C. Solomon.....	John Lanham.....	225½ S. 6th St., Springfield, Ill.....	90
S. J. Wills.....	John W. Abrell.....	George Mosey.....	231 S. LaSalle St., Chicago, Ill.....	91
S. J. Wills.....	James Lewis.....	W. C. Craggs.....	231 S. LaSalle St., Chicago, Ill.....	92
S. J. Wills.....	J. W. Hardy.....	R. E. Crawford.....	231 S. LaSalle St., Chicago, Ill.....	93
J. W. Starks.....	W. M. Elders.....	E. B. Dangerfield.....	231 S. LaSalle St., Chicago, Ill.....	94
J. W. Starks.....	Robert McPhail.....	John Coleman.....	231 S. LaSalle St., Chicago, Ill.....	95
M. F. Peltier.....	John Hope.....	Robt. Walker.....	231 S. LaSalle St., Chicago, Ill.....	96
J. W. Starks.....	S. L. Anderson.....	Robert Timpany.....	231 S. LaSalle St., Chicago, Ill.....	97
J. W. Starks.....	B. F. Burnett.....	J. E. Vaughn.....	231 S. LaSalle St., Chicago, Ill.....	98
.....a.....	Lewis Waldron.....	John D. Kelly.....	231 S. LaSalle St., Chicago, Ill.....	99
.....a.....	Geo. M. Smith.....	Harry Preval.....	231 S. LaSalle St., Chicago, Ill.....	100
S. J. Wills.....	Wm. Hardy.....	J. E. Edwards.....	231 S. LaSalle St., Chicago, Ill.....	101
.....a.....	Arthur F. Phillips.....	John Storey.....	231 S. LaSalle St., Chicago, Ill.....	102
Warren Penwell.....	James Rollo.....	Richard Rollo.....	Pana, Ill.....	103
A. W. Plumlee.....	A. W. Plumlee.....	A. W. Plumlee.....	Cambria, Ill.....	104
W. D. Georg.....	W. D. Georg.....	W. D. Georg.....	DuQuoin, Ill.....	105
W. W. Bolt.....	W. W. Bolt.....	John Payne.....	Boatmens Bank Bldg., St. Louis, Mo.....	106
Wm. Bradbury.....	.....a.....	Wm. Buswink.....	225 Gooding St., LaSalle, Ill.....	107
.....a.....	.....a.....	A. D. Killingsworth.....	Pickneyville, Ill.....	108
Wm. Murdock.....	Wm. Murdock.....	.....a.....	1801 Railway Exchange Bldg., St. Louis, Mo.....	109
A. R. Pschirrer.....	John Pschirrer.....	George Pschirrer.....	Route No. 4, Canton, Ill.....	110
C. W. Woosley.....	Len Hartwell.....	R. G. Reynolds.....	230 N. Michigan Ave., Chicago, Ill.....	111
.....a.....	George Lindsey.....	Vern Gidcomb.....	111 W. Washington St., Chicago, Ill.....	112
Paul Halbersleben.....	Wm. Evans.....	Marion Wiley.....	59 E. Van Buren St., Chicago, Ill.....	113
Paul Halbersleben.....	W. H. Evans.....	Marion Wiley.....	59 E. Van Buren St., Chicago, Ill.....	114
E. H. Larsen.....	E. H. Larsen.....	E. H. Larsen.....	Coulterville, Ill.....	115
W. F. Davis.....	Joseph Vlasak.....	Joseph Vlasak.....	2927 S. Broadway, St. Louis, Mo.....	116
D. E. Meyer.....	.....a.....	Wm. Rieken.....	Box 205, Belleville, Ill.....	117
F. H. Seymour.....	J. E. Seymour.....	Roland R. Wilson.....	2051 McCormick Bldg., Chicago, Ill.....	118
Chas. Shuler, Jr.....	T. C. Chapman.....	T. C. Chapman.....	Alpha, Ill.....	119
J. G. Skelton.....	J. G. Skelton.....	.....a.....	625 Warrington Ave., Danville, Ill.....	120
Ira McCullon.....	.....a.....	Paul Cerar.....	Carlinville, Ill.....	121
S. A. Butler.....	.....a.....	Adam W. Rauth.....	621 Security Bldg., St. Louis, Mo.....	122
W. E. Mullins.....	.....a.....	.....a.....	1317 Fletcher Trust Bldg., Indianapolis, Ind.....	123
Arleigh Wilkins.....	Arleigh Wilkins.....	Louie McDonald.....	Marion, Ill.....	124
.....a.....	.....a.....	A. J. Pricco.....	Box 75B, Route No. 1, Spring Valley, Ill.....	125
D. D. Wilcox.....	James Powell.....	Robert McKee.....	400 W. Madison St., Chicago, Ill.....	126
D. D. Wilcox.....	James Powell.....	Lawrence Kiss.....	400 W. Madison St., Chicago, Ill.....	127
D. D. Wilcox.....	James Powell.....	Alex Young.....	400 W. Madison St., Chicago, Ill.....	128
D. D. Wilcox.....	James Powell.....	Alex Duncan.....	400 W. Madison St., Chicago, Ill.....	129
W. G. Sutton.....	Harvey Sutton.....	Harvey Sutton.....	Minonk, Ill.....	130
W. A. Martin.....	.....a.....	John Barnard.....	Sta. 6, Danville, Ill.....	131
.....a.....	D. Z. Anglin.....	.....a.....	S. S. Michigan Ave., Chicago, Ill.....	132
Byron Somers.....	Byron Somers.....	A. E. Junell.....	S. S. Michigan Ave., Chicago, Ill.....	133

DIRECTORY OF

No.	Name of operator and mine.	Location of mine.		
		District.	County.	Post office.
134	Truax-Traer Coal Co., No. 2.....	3	Fulton.....	Fiatt.....
135	Union Coal Co.....	1	LaSalle.....	Peru.....
136	Union Colliery Co.....	9	Jackson.....	Dowell.....
137	United Electric Coal Cos., No. 9.....	3	Fulton.....	Cuba.....
138	United Electric Coal Cos., No. 11.....	9	Perry.....	DuQuoin.....
139	United Electric Coal Cos., No. 13.....	8	St. Clair.....	Freeburg.....
140	United Electric Coal Cos., No. 17.....	3	Fulton.....	Canton.....
141	United States Fuel Co., Bun.....	5	Vermilion.....	Georgetown.....
142	Valier Coal Co., No. 1.....	10	Franklin.....	Valier.....
143	Vinegar Hill Coal Co.....	8	St. Clair.....	Lenzburg.....
144	Virden Mining Corp.....	6	Macoupin.....	Virden.....
145	Wallace Coal Co.....	12	Williamson.....	Marion.....
146	Wasson Coal Co., "A".....	11	Saline.....	Harrisburg.....
147	Wasson Coal Co., No. 1.....	11	Saline.....	Harrisburg.....
148	White Coal Co.....	8	St. Clair.....	Belleville.....
149	Wilmington Coal Mines, Inc.....	1	LaSalle.....	Ottawa.....

a—Not reported.

SHIPPING MINES—Concluded.

General superintendent.	Superintendent of mine.	Local mine manager.	Address of main office of company.	No.
Byron Somers.....	Byron Somers.....	William Cowell.....	8 S. Michigan Ave., Chicago, Ill.....	134
J. D. Walsh.....	a.....	Alex Jones.....	112 E. 5th St., Peru, Ill.....	135
Edward Leming.....	Edward Leming.....	Robert R. Cruse.....	Box 1349, St. Louis, Mo.....	136
a.....	a.....	Carl G. Day.....	307 N. Michigan Ave., Chicago, Ill.....	137
a.....	a.....	Fred A. Huff.....	307 N. Michigan Ave., Chicago, Ill.....	138
a.....	a.....	Geo. D. Huff.....	307 N. Michigan Ave., Chicago, Ill.....	139
a.....	a.....	Carl G. Day.....	307 N. Michigan Ave., Chicago, Ill.....	140
A. F. Dodd.....	Robert Flynn.....	Mark Ord.....	157½ N. Vermilion St., Danville, Ill.....	141
a.....	G. W. Harriman.....	Isaiah Winn.....	547 W. Jackson Blvd., Chicago, Ill.....	142
a.....	a.....	Emile Strotheide.....	Lenzburg, Ill.....	143
a.....	Joe Dubinick.....	a.....	Viriden, Ill.....	144
Geo. A. Wallace.....	John K. Wallace.....	Wm. K. Wallace.....	First National Bank Bldg., Marion, Ill.....	145
L. A. Wasson.....	L. A. Wasson.....	John Baggott.....	Harrisburg, Ill.....	146
L. A. Wasson.....	L. A. Wasson.....	John H. Evans.....	Harrisburg, Ill.....	147
Robert White, Sr.....	Robert White, Jr.....	June Dickson.....	Belleville, Ill.....	148
W. L. Treasure.....	W. L. Treasure.....	W. W. Burgess.....	Box 311, Morris, Ill.....	149

GENERAL STATEMENT

WITH COMPARATIVE FIGURES OF FOUR PREVIOUS YEARS.

	1939	1938	1937	1936	1935
Number of counties producing coal.....	59	58	58	58	57
Number of mines operated.....	976	969	1,020	1,242	1,350
Number of shipping mines.....	146	149	168	176	182
Number of local mines.....	830	820	852	1,066	1,168
Output in tons, all mines.....	47,627,454	42,387,368	52,432,255	51,475,899	45,013,278
Output in tons, shipping mines.....	42,994,107	38,442,859	48,062,076	47,285,587	41,410,414
Output in tons, local mines.....	4,633,347	3,944,509	4,370,179	4,190,312	3,602,864
Tons handled by railroads.....	38,263,838	33,476,344	42,319,509	41,664,226	36,844,180
Tons disposed of otherwise.....	9,363,616	8,911,024	10,112,746	9,811,673	8,169,098
Number employed underground.....	30,820	33,014	36,176	38,822	39,572
Number employed on surface.....	10,089	10,406	10,404	10,320	9,528
Total employees.....	40,909	43,420	46,580	49,142	49,100
Average days worked, shipping mines.....	148	135	152	153	147
Average days, worked, local mines.....	123	123	129	115	107
Number of mining machines in use.....	939	1,020	1,100	1,626	1,139
Tons undercut by machines.....	32,419,801	28,734,713	36,234,459	37,074,406	32,288,925
Tons mined by hand.....	2,921,951	2,973,756	4,471,926	5,054,305	5,243,004
Tons mined by stripping.....	12,285,702	10,678,899	11,725,870	9,347,188	7,481,349
Number of mechanical loaders in use.....	856	1,157	1,456	1,573	1,626
Tons loaded mechanically.....	26,796,940	23,450,474	28,374,362	25,205,170	20,651,707
Kegs of powder used for blasting coal.....	139,829	140,312	219,661	279,219	256,296
Pounds of pellet powder used.....	6,542,077	5,991,452	6,941,151	6,596,956	5,276,649
Pounds of dynamite used.....	756,039	808,002	1,229,889	965,900	351,532
Pounds of permissible explosives used.....	2,396,778	2,119,029	2,611,811	2,330,854	2,188,214
Number of motors used in underground haulage.....	1,265	1,305	1,336	1,284	1,137
Number of animals underground.....	1,775	1,837	2,039	2,297	1,437
Number of fatal accidents.....	80	84	83	93	82
Number of non-fatal accidents.....	1,887	2,240	2,887	3,165	3,147
Tons mined to one man killed.....	595,343	504,612	655,810	553,504	548,942
Tons mined to one man injured.....	25,240	18,923	18,854	16,263	14,304
Number employed to one man killed.....	511	516	561	528	599
Number employed to one man injured.....	22	19	16	16	16
Number of mines using closed lights.....	30	30	22	24	20
Number of mines rock dusted.....	24	24	18	25	26

TABLE 1—CLASSIFICATION OF MINES BY DISTRICTS.

District.	All mines.			Shipping mines.			Local mines.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
First.....	123	2,509	2,602,960	9	1,498	2,163,469	114	1,011	439,491
Second.....	101	2,288	1,465,128	4	1,164	938,629	97	1,124	526,499
Third.....	215	2,439	4,694,246	11	1,017	4,010,961	204	1,423	683,285
Fourth.....	54	5,492	6,391,599	13	4,712	5,920,859	41	780	470,740
Fifth.....	100	2,941	2,134,741	8	2,210	1,772,517	92	731	362,224
Sixth.....	55	4,260	4,181,763	13	4,063	4,158,023	42	197	23,740
Seventh.....	27	2,172	2,165,683	8	1,729	1,829,989	19	443	335,694
Eighth.....	60	2,852	2,558,187	18	1,876	1,585,988	42	976	972,199
Ninth.....	69	3,823	6,464,783	24	3,526	6,256,825	45	297	207,955
Tenth.....	18	6,661	8,774,501	13	6,650	8,773,993	5	11	508
Eleventh.....	60	3,478	3,738,347	12	3,231	3,624,598	48	247	113,749
Twelfth.....	94	1,994	2,455,516	13	1,358	1,958,256	81	636	497,260
Total.....	976	40,909	47,627,454	146	33,034	42,994,107	830	7,875	4,633,347

TABLE 2—AVERAGE MAN-DAY PRODUCTION—SHIPPING MINES.

	Mines reported.	Man days.	Tons mined.	Per cent district tonnage reported.	Average tons per man per day.
First District—					
Shaft mines.....	2	62,586	171,785	70.3	2.74
Strip mines.....	5	163,706	1,919,245	100.0	11.72
Second District—					
Shaft mines.....	2	148,498	886,496	94.4	5.96
Strip mines.....	None				
Third District—					
Shaft mines.....	None				
Strip mines.....	6	162,947	3,186,335	84.1	19.55
Fourth District—					
Shaft mines.....	10	664,955	5,656,827	95.5	8.50
Strip mines.....	None				
Fifth District—					
Shaft mines.....	4	300,835	1,522,037	97.4	5.05
Strip mines.....	3	14,320	210,651	100.0	14.71
Sixth District—					
Shaft mines.....	9	490,933	3,789,491	91.1	7.71
Strip mines.....	None				
Seventh District—					
Shaft mines.....	2	30,272	240,694	13.2	7.95
Strip mines.....	None				
Eighth District—					
Shaft mines.....	6	99,180	704,456	35.5	7.10
Strip mines.....	1	16,118	230,508	100.0	14.30
Ninth District—					
Shaft mines.....	2	172,898	1,290,583	51.0	7.46
Strip mines.....	5	234,104	3,725,472	100.0	15.91
Tenth District—					
Shaft mines.....	6	424,896	3,619,079	41.2	8.51
Strip mines.....	None				
Eleventh District—					
Shaft mines.....	9	426,025	2,661,578	73.4	6.24
Strip mines.....	1	53,287	754,910	100.0	14.16
Twelfth District—					
Shaft mines.....	3	23,836	218,050	11.1	9.14
Strip mines.....	2	14,244	208,420	31.3	14.63

The above table is a computation of the average man-day production of 55 shaft, slope and drift mines and 23 stripping operations which made special report to the Department of the total man-days of labor of all mine employees. Only the special reports of shipping mines of the above classifications were computed since the special reports of local mines were insufficient in number to warrant their tabulation. In the mines reported the average man-day production in shaft mines was 7.29 tons and in strip mines the average production per man per day was 15.53 tons.

In 1938, 53 shaft, slope and drift mines reporting shows 6.82 tons per man per day and 22 stripping operations shows 15.68 tons per man per day.

TABLE 3—CLASSIFICATION OF MINES BY OUTPUT.

Mines producing.	Shipping mines.			Local mines.			All mines.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
Less than 1,000 tons	1	11	769	413	1,460	131,848	414	1,471	132,617
1,000 but less than 10,000	7	298	29,667	314	2,695	1,098,209	321	2,993	1,127,876
10,000 but less than 50,000	36	2,335	936,348	84	2,368	1,760,372	120	4,703	2,696,720
50,000 but less than 100,000	19	2,901	1,345,382	16	1,115	1,107,491	35	4,016	2,452,873
100,000 but less than 200,000	18	3,222	2,616,608	2	177	210,152	20	3,399	2,826,760
200,000 but less than 300,000	7	1,545	1,572,717	-----	-----	-----	7	1,545	1,572,717
300,000 but less than 400,000	8	2,702	2,765,444	1	60	325,275	9	2,762	3,090,719
400,000 but less than 500,000	12	3,703	5,240,626	-----	-----	-----	12	3,703	5,240,626
500,000 but less than 600,000	15	5,280	8,198,234	-----	-----	-----	15	5,280	8,198,234
600,000 but less than 700,000	7	2,562	4,497,200	-----	-----	-----	7	2,562	4,497,200
700,000 but less than 800,000	4	2,246	2,994,189	-----	-----	-----	4	2,246	2,994,189
800,000 but less than 900,000	2	832	1,647,057	-----	-----	-----	2	832	1,647,057
900,000 but less than 1,000,000	1	579	979,294	-----	-----	-----	1	579	979,294
1,000,000 and over	9	4,818	10,170,572	-----	-----	-----	9	4,818	10,170,572
Total	146	33,034	42,994,107	830	7,875	4,633,347	976	40,909	47,627,454

TABLE 4—AVERAGES AND PERCENTAGES, BASED ON TABLE 3.

	Shipping mines.						Local mines.					
	Mines.		Men.		Tons.		Mines.		Men.		Tons.	
	Number.	Per cent.	Average.	Per cent.	Average.	Per cent.	Number.	Per cent.	Average.	Per cent.	Average.	Per cent.
Less than 1,000 tons	1	.7	11	-----	769	-----	413	49.8	3	18.5	319	2.8
1,000 but less than 10,000	7	4.8	43	.9	4,238	.1	314	37.8	8	34.2	3,497	23.7
10,000 but less than 50,000	36	24.6	65	7.1	26,010	2.2	84	10.2	28	30.1	20,957	38.0
50,000 but less than 100,000	19	13.0	152	8.8	70,809	3.1	16	1.9	70	14.2	69,218	23.9
100,000 but less than 200,000	18	12.3	179	9.7	145,367	6.1	2	.2	89	2.2	105,076	4.6
200,000 but less than 300,000	7	4.8	221	4.7	224,674	3.6	-----	-----	-----	-----	-----	-----
300,000 but less than 400,000	8	5.5	338	8.2	345,680	6.4	1	.1	60	.8	325,275	7.0
400,000 but less than 500,000	12	8.2	309	11.2	436,719	12.2	-----	-----	-----	-----	-----	-----
500,000 but less than 600,000	15	10.3	352	16.0	546,549	19.1	-----	-----	-----	-----	-----	-----
600,000 but less than 700,000	7	4.8	366	7.8	642,457	10.5	-----	-----	-----	-----	-----	-----
700,000 but less than 800,000	4	2.7	561	6.8	748,547	7.0	-----	-----	-----	-----	-----	-----
800,000 but less than 900,000	2	1.4	416	2.5	823,529	3.8	-----	-----	-----	-----	-----	-----
900,000 but less than 1,000,000	1	.7	579	1.7	979,294	2.3	-----	-----	-----	-----	-----	-----
1,000,000 and over	9	6.2	535	14.6	1,130,064	23.6	-----	-----	-----	-----	-----	-----
Total	146	100.0	a 226	100.0	a 294,480	100.0	830	100.0	a 9	100.0	a 5,582	100.0

SHIPPING MINES

District.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
First-----	9	2,163,469	1,192,977	492,072	-----	434,596	18,864	24,960
Second-----	4	938,629	38,766	794,603	-----	98,079	3,415	3,766
Third-----	11	4,010,961	2,885,317	902,923	-----	*187,487	24,783	10,451
Fourth-----	13	5,920,859	4,696,143	779,580	6,079	395,570	32,420	11,067
Fifth-----	8	1,772,517	956,399	604,002	-----	193,305	12,792	6,019
Sixth-----	13	4,158,023	851,567	2,786,575	10,478	237,783	166,966	104,654
Seventh-----	8	1,829,989	949,633	362,949	-----	389,496	64,382	63,529
Eighth-----	18	1,585,988	491,035	332,516	9,295	696,588	37,712	18,842
Ninth-----	24	6,256,825	3,975,020	1,749,557	25,166	378,389	64,539	64,154
Tenth-----	13	8,773,993	5,913,017	2,283,226	-----	109,359	144,956	323,435
Eleventh-----	12	3,624,598	2,623,709	674,688	-----	139,323	51,557	135,321
Twelfth-----	13	1,958,256	1,433,468	443,078	-----	37,759	31,016	12,935
Total-----	146	42,994,107	26,007,051	12,205,769	51,018	3,297,734	653,402	779,133

LOCAL

First.....	114	439,491	-----	-----	-----	425,865	10,452	3,174
Second.....	97	526,499	-----	-----	-----	517,220	4,580	4,699
Third.....	204	683,285	-----	-----	-----	667,192	8,572	7,521
Fourth.....	41	470,740	-----	-----	-----	442,547	7,812	20,381
Fifth.....	92	362,224	-----	-----	-----	246,773	110,640	4,811
Sixth.....	42	23,740	-----	-----	-----	23,143	470	127
Seventh.....	19	335,694	-----	-----	-----	301,930	12,229	21,535
Eighth.....	42	972,199	-----	-----	-----	932,702	26,091	13,406
Ninth.....	45	207,958	-----	-----	-----	193,850	8,632	5,476
Tenth.....	5	508	-----	-----	-----	425	-----	83
Eleventh.....	48	113,749	-----	-----	-----	102,866	2,744	8,139
Twelfth.....	81	497,260	-----	-----	-----	473,148	9,012	15,100
Total.....	830	4,633,347	-----	-----	-----	4,327,661	201,234	104,452

ALL

First.....	123	2,602,960	1,192,977	492,072	-----	860,461	29,316	28,134
Second.....	101	1,465,128	38,766	794,603	-----	615,299	7,995	8,465
Third.....	215	4,694,246	2,885,317	902,923	-----	*854,679	33,355	17,972
Fourth.....	54	6,391,599	4,696,143	779,580	6,079	838,117	40,232	31,448
Fifth.....	100	2,134,741	956,399	604,002	-----	440,078	123,432	10,830
Sixth.....	55	4,181,763	851,567	2,786,575	10,478	260,926	167,436	104,781
Seventh.....	27	2,165,683	949,633	362,949	-----	691,426	76,611	85,064
Eighth.....	60	2,558,187	491,035	332,516	9,295	1,629,290	63,803	32,243
Ninth.....	69	6,464,783	3,975,020	1,749,557	25,166	572,239	73,171	69,630
Tenth.....	18	8,774,501	5,913,017	2,283,226	-----	109,784	144,956	323,518
Eleventh.....	60	3,738,347	2,623,709	674,688	-----	242,189	54,301	143,460
Twelfth.....	94	2,455,516	1,433,468	443,078	-----	510,907	40,028	28,035
Total.....	976	47,627,454	26,007,051	12,205,769	51,018	7,625,395	854,636	883,585

* 108 995 tons shipped on barges.

RECAPITULATION FOR THE STATE.

Total em- ployes.	Days oper- ated.	Explosives used for blasting coal.				Number of mining ma- chines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Pow- der— kegs.	Pellet pow- der— pounds.	Dyna- mite— pounds.	Permis- sible— pounds.			Machine.	Hand.	Stripping.	
1,498	169	2,410	145,462	160,450	6,300	7	3	171,785	72,439	1,919,245	108
1,164	117	-----	259,775	-----	-----	41	19	896,958	41,671	-----	84
1,017	209	2,090	74,300	166,125	34,200	11	8	221,714	-----	3,789,247	30
4,712	133	20,277	3,252,930	11,483	9,950	48	156	5,261,438	659,421	-----	227
2,210	139	746	13,050	22,050	372,075	60	62	1,554,639	7,227	210,651	30
4,063	165	2,756	854,500	1,900	192,668	64	163	4,158,023	-----	-----	41
1,729	172	4,518	243,300	2,725	73,550	54	60	1,829,989	-----	-----	67
1,876	116	8,052	508,775	5,955	7,300	29	57	1,057,710	297,770	230,508	88
3,526	147	8,812	425,750	12,765	401,545	81	96	2,352,471	178,882	3,725,472	95
6,650	140	-----	650	870,275	-----	186	411	8,773,993	-----	-----	42
3,231	168	-----	42,600	261,535	197,300	147	152	2,869,688	-----	754,910	69
1,358	117	610	122,475	-----	201,400	27	43	1,286,042	6,700	665,514	34
33,034	148	50,271	5,942,917	645,638	2,366,563	755	1,230	30,434,450	1,264,110	11,295,547	915

MINES.

1,011	111	8,418	126,090	4,747	150	10	3	88,075	173,018	178,398	51
1,124	136	9,593	107,405	50	400	34	11	386,589	129,575	10,335	130
1,422	121	16,755	65,857	1,575	-----	26	6	293,935	282,192	107,158	183
780	147	20,039	21,550	-----	200	13	6	145,979	322,099	2,662	78
731	128	7,530	31,010	205	27,545	21	7	227,183	118,816	16,225	70
197	102	667	25	-----	-----	1	-----	3,621	19,891	228	5
443	150	2,285	15,050	-----	-----	15	5	284,876	49,918	900	28
976	137	13,108	48,304	103,324	1,500	11	11	77,598	324,713	569,888	78
297	126	3,228	35,600	-----	-----	13	-----	60,606	70,212	77,140	42
11	55	-----	-----	-----	-----	-----	-----	-----	-----	508	-----
247	96	929	36,874	500	-----	10	1	77,231	31,968	4,550	44
636	135	7,006	111,395	-----	420	30	2	339,658	135,439	22,163	121
7,875	123	89,558	599,160	110,401	30,215	184	52	1,985,351	1,657,841	990,155	860

MINES.

2,509	115	10,828	271,552	165,197	6,450	17	6	259,860	245,457	2,097,643	189
2,288	135	9,593	367,180	50	400	75	30	1,283,547	171,246	10,335	214
2,439	126	18,845	140,157	167,700	34,200	37	14	515,649	282,192	3,896,405	213
5,492	144	40,316	3,274,480	11,483	10,150	61	162	5,407,417	981,520	2,662	305
2,941	122	8,276	44,060	22,255	399,620	81	69	1,781,822	126,043	226,876	100
4,260	117	3,423	854,525	1,900	192,668	65	163	4,161,644	19,891	228	46
2,172	156	6,803	258,350	2,725	73,550	69	65	2,114,865	49,918	900	95
2,852	131	21,160	567,079	109,279	8,800	40	68	1,135,308	622,483	800,396	166
3,823	133	12,040	461,350	12,765	401,545	94	96	2,413,077	249,094	3,802,612	137
6,661	117	-----	650	870,275	-----	186	411	8,773,993	-----	508	42
3,478	108	929	79,474	262,035	197,300	157	153	2,946,919	31,968	759,460	118
1,994	133	7,616	233,870	-----	201,820	57	45	1,625,700	142,139	687,677	155
40,909	125	139,829	6,542,077	756,039	2,396,778	939	1,282	32,419,801	2,921,951	12,285,702	1,775

TABLE 7.—SHIPPING MINES—LOCATION, TONS MINED AND RANK, EMPLOYEES, DAYS WORKED, AVERAGE DAILY PRODUCTION AND RANK, ARRANGED IN ALPHABETICAL ORDER.

Rank.	Name of operator and mine.	Location.		Production in tons.	Number employed.	Days worked.	Av. daily production.	
		District.	Post office of mine.				Tons.	Rank.
143	Alpha Coal Co.	1	Alpha.....	6,286	66	40	157	130
106	Banksion Creek Collieries, No. 4.	11	Harrisburg.....	43,928	50	123	357	111
49	Banksion Creek Collieries, No. 5.	11	Carrier Mills.....	405,972	180	300	1,353	62
14	Banksion Creek Collieries, No. 6.	11	Carrier Mills.....	754,910	137	253	2,984	30
125	Beaucoup Coal Co.	9	Hickneyville.....	21,280	13	232	91	136
98	Beckemeyer Coal Co.	8	Beckemeyer.....	56,283	106	124	454	100
9	Bell & Zoller Coal & Mining Co., No. 1.	10	Zeigler.....	1,010,362	619	141	7,167	3
12	Bell & Zoller Coal & Mining Co., No. 2.	10	Zeigler.....	805,636	725	139	5,796	7
88	Blackley Coal Co.	3	Canton.....	84,852	117	226	375	108
64	Blue Bird Coal Co., No. 6.	11	Carrier Mills.....	205,846	130	155	1,328	65
121	Bois Coal Co.	9	Dubois.....	22,925	45	158	145	131
119	Buffalo Rock Coal Co.	23	Ortowa.....	24,543	23	119	206	123
118	Burn Well Coal Co.	7	Collinsville.....	25,760	57	137	188	125
62	Centralia Coal Co., No. 5.	9	Centralia.....	215,488	228	121	1,781	55
68	Central Illinois Coal Mining Co., "A"	4	Springfield.....	187,564	307	120	1,563	60
26	Central States Collieries, Inc.	3	St. David.....	566,645	104	229	2,474	42
16	Chicago, Wilmington & Franklin Coal Co., No. 1.	10	Orient.....	715,694	526	144	4,970	12
1	Chicago, Wilmington & Franklin Coal Co., New Orient.	10	West Frankfort.....	1,363,095	950	145	9,401	1
95	Chicopee Coal Co.	7	Troy.....	58,664	113	92	638	90
104	Citizens Coal Co.	8	Breese.....	44,478	114	98	494	100
134	Clarkson Coal Co.	9	Nashville.....	13,238	88	36	308	109
133	Conant Coal Co.	9	Conant.....	13,449	13	207	65	139
67	Consolidated Coal Co., Buckhorn.	12	Herrin.....	190,191	83	141	1,349	63
78	Consolidated Coal Co., Jefferson No. 20.	10	Nason.....	120,077	146	272	441	102
58	Consolidated Coal Co., New Monarch.	12	Herrin.....	302,307	305	116	2,606	39
40	Consolidated Coal Co., No. 7.	6	Staunton.....	472,308	251	186	2,539	42
51	Consolidated Coal Co., No. 15.	6	Mt. Olive.....	390,803	462	126	3,102	28
105	Coulterville Coal Co.	9	Coulterville.....	44,213	87	146	303	115
147	Cox Coal Co.	12	Marion.....	2,687	24	9	298	117
94	C. & R. Coal Co.	10	Cutler.....	63,802	108	135	472	98
137	Crain Coal Co.	9	Percy.....	10,926	10	224	46	140
43	Crescent Mining Co., No. 1.	2	Peoria.....	446,405	354	184	2,426	45
44	Crescent Mining Co., No. 6.	2	Peoria.....	440,091	511	136	3,236	27
99	Cutler Coal Co., Inc.	6	Cutler.....	55,566	87	98	567	95
42	Delta Coal Mining Co.	12	Marion.....	454,407	94	191	2,379	47
141	Diamond Coal Co., No. 3.	12	Herrin.....	6,700	9	154	43	142
146	Edgar Coal Co.	9	Perry.....	2,811	26	58	48	84
85	Forsyth-Cartersville Coal Co.	12	Cartersville.....	96,210	29	132	729	84
35	Franklin County Coal Corp., No. 5.	10	Herrin.....	535,786	511	156	3,434	26

22	Franklin County Coal Corp., No. 7.	604, 124	490	144	4, 195	15
149	Freeburg Coal Co.	769	11	30	25	144
100	Freeman Coal Mining Co.	54, 859	220	59	930	76
66	Gillespie Coal Co.	193, 343	210	161	1, 201	67
129	Golden Rule Coal Co.	16, 796	17	253	66	138
96	Golden Rule Coal Co.	58, 402	52	148	395	105
139	Grape Creek Mining Co.	10, 264	23	16	641	88
110	Greenleaf Coal Co.	40, 750	80	100	408	104
71	Grumel Coal Co.	174, 315	124	175	995	73
143	H. & H. Coal Co.	2, 264	36	31	73	137
92	Hillsboro Mining Co.	70, 929	149	111	639	89
117	Home Coal Co.	27, 229	51	170	160	129
128	Illinois Colliery Co.	18, 093	25	146	124	132
132	Ill-Mo Coal Co.	13, 598	24	120	113	134
82	Illinois-Pocahontas Coal Co.	103, 863	122	154	673	85
89	Indiana & Illinois Coal Corp., No. 10.	82, 782	398	32	2, 387	105
138	Lake Erie Mining Co.	129	128	25	402	106
113	Lenzburg Coal Co.	33, 031	49	101	327	114
91	Lincoln City Coal Co., Inc.	71, 084	33	93	764	81
120	Little Liquidating Corp.	23, 963	134	39	614	92
23	Little John Coal Co., No. 5.	602, 912	107	249	2, 421	46
65	Livingston-Mt. Olive Coal Co.	200, 047	208	220	909	77
53	Livingston-Mt. Olive Coal Co., No. 2.	376, 429	370	159	2, 367	48
80	McLaren Coal Co., No. 1.	112, 210	57	105	1, 069	70
127	M. & S. Coal Co.	18, 759	99	44	427	103
87	Macon County Coal Co.	89, 846	285	146	615	91
63	Marion County Coal & Mining Co.	207, 529	163	190	1, 092	68
69	Marion County Coal Co.	182, 030	221	183	995	74
130	Marissa Coal Co.	15, 594	34	81	193	124
140	Marvel Coal Co.	7, 602	93	15	507	97
145	Mascoutah Coal & Mining Co.	3, 794	46	15	248	118
21	Midland Electric Coal Corp., No. 1.	629, 274	142	285	2, 208	51
17	Midland Electric Coal Corp., No. 2.	697, 369	175	251	2, 781	35
122	Mine B Coal Co.	22, 335	87	24	933	75
72	Moffat Coal Co., No. 1.	151, 086	258	150	1, 007	72
109	Moffat Coal Co., No. 2.	41, 144	95	107	384	107
75	F. C. Morgan Coal Co.	129, 303	146	174	1, 034	71
84	Mt. Olive Coal Co.	99, 439	146	174	571	94
18	Mt. Olive & Staunton Coal Co., No. 2.	675, 947	475	240	2, 816	32
90	Mulberry Hill Coal Co.	77, 679	78	134	580	93
115	New Galum Coal Co.	28, 072	40	150	187	126
24	Nokomis Coal Co.	569, 297	209	221	2, 576	41
3	Northern Illinois Coal Corp., No. 10.	1, 142, 903	418	263	4, 346	13
30	Old Ben Coal Corp., No. 8.	547, 953	432	132	4, 151	16
41	Old Ben Coal Corp., No. 11.	469, 668	330	129	3, 641	23
32	Old Ben Coal Corp., No. 14.	545, 744	425	144	3, 790	21
29	Old Ben Coal Corp., No. 15.	550, 737	443	141	3, 905	19
81	Osage Coal Co., No. 1.	108, 235	71	204	530	96
123	Pana Coal Co.	21, 664	128	72	301	116
10	Royalton					
12	Freeburg					
12	Herrin					
6	Gillespie					
3	Middle Grove					
5	Lenzburg					
5	Danville					
8	Belleville					
11	East St. Louis					
6	Norris City					
9	Hillsboro					
3	Tamara					
9	Farmington					
3	Sparta					
7	Pocahontas					
6	Nokomis					
2	Peoria					
8	Lenzburg					
3	St. Bernicee					
6	Virden					
3	Victoria					
7	Livingston					
7	Collinsville					
12	Cartersville					
12	Pittsboro					
5	Decatur					
7	Edwardsville					
7	Centralia					
8	Marissa					
12	Piusburg					
8	Mascoutah					
145	Atkinson					
3	Farmington					
4	Springfield					
9	Sparta					
5	Danville					
6	Mt. Olive					
7	Staunton					
8	Freeburg					
9	Conant					
6	Nokomis					
10	Wilmingon					
10	West Frankfort					
10	Coello					
10	Buckner					
10	West Frankfort					
1	Ottawa					
4	Pana					

TABLE 7—Concluded.

Rank.	Name of operator and mine.	Location.		Production in tons.	Number employed.	Days worked.	Av. daily production.	
		District.	Post office of mine.				Tons.	Rank.
101	Panther Creek Mines, Inc., No. 4	4	Springfield	54,804	385	51	1,075	69
57	Panther Creek Mines, Inc., No. 5	4	Springfield	309,890	428	248	1,237	66
7	Peabody Coal Co., No. 7	4	Kinead	1,081,568	523	178	6,076	6
4	Peabody Coal Co., No. 8	4	Kinead	1,117,976	518	176	6,352	5
5	Peabody Coal Co., No. 9	4	Taylorville	1,097,382	541	176	6,235	4
36	Peabody Coal Co., No. 14	9	DuQuoin	525,827	496	147	3,577	24
37	Peabody Coal Co., No. 18	10	West Frankfort	523,683	474	132	3,982	17
19	Peabody Coal Co., No. 24	5	Danville	655,201	556	184	3,561	25
35	Peabody Coal Co., No. 43	11	Harrisburg	325,443	321	140	2,395	40
28	Peabody Coal Co., No. 47	11	Harcro	551,957	600	145	3,807	20
48	Peabody Coal Co., No. 53	4	Springfield	412,635	398	153	2,663	38
54	Peabody Coal Co., No. 57	4	Springfield	353,398	378	145	2,439	43
15	Peabody Coal Co., No. 58	4	Taylorville	751,777	388	177	4,247	14
45	Peabody Coal Co., No. 59	4	Springfield	422,673	381	155	2,727	37
86	Penwell Coal Mining Co.	4	Pana	90,533	250	55	1,646	57
135	Peerless Coal Co.	12	Cambria	12,235	28	70	175	128
107	Perfection Coal Co.	9	DuQuoin	41,922	47	55	762	82
59	Perry Coal Co., St. Ellen	8	O'Fallon	267,818	322	200	1,339	64
102	Peru Deep Vain Coal Co., No. 3	1	Peru	52,576	144	147	358	110
116	Pineknayville Mining Co., No. 5	9	Pineknayville	69,726	161	83	840	79
93	Prairie Coal Co.	3	Belleville	101,973	105	166	614	92
2	Pyramid Coal Corp.	9	Pineknayville	1,192,933	369	207	5,760	8
50	Rex Coal Co., No. 2	11	Eldorado	403,849	318	197	2,050	53
73	Sahara Coal Co., No. 1	11	Harrisburg	147,494	527	54	2,731	36
60	Sahara Coal Co., No. 10	11	Eldorado	245,481	430	122	2,012	54
70	St. Louis Coal Co.	9	Conterville	177,574	218	109	1,629	58
52	St. Louis & O'Fallon Coal Co., No. 2	8	East St. Louis	389,991	334	243	1,593	59
112	Service Coal & Mining Co.	8	Belleville	33,499	64	148	226	120
34	Seymour Coal Mining Co.	12	Herrin	543,701	316	177	3,072	29
126	Shuler Coal Co.	1	Alpha	20,386	157	59	346	112
144	Skellon Coal Co.	5	Danville	5,182	17	171	31	143
124	South Mine Co.	8	Carlinville	21,478	42	103	208	122
142	Southern Coal, Coke & Mining Co., No. 7	9	Percy	6,299	140	7	900	78
11	Southwestern Illinois Coal Corp.	8	Belleville	841,421	107	214	3,992	18
136	Spillertown Coal Co.	12	Marion	11,956	35	124	96	135
103	Spring Valley Coal Mining Co.	1	Spring Valley	45,757	239	101	453	101
47	Superior Coal Co., No. 1	6	Gillette	414,259	514	183	2,504	50
38	Superior Coal Co., No. 2	6	Gillette	514,011	469	207	2,486	41
33	Superior Coal Co., No. 3	6	Gillette	544,733	460	194	2,808	33
20	Superior Coal Co., No. 4	6	Gillette	631,803	617	215	2,939	31
108	W. G. Sutton	2	Mmonk	41,671	171	121	344	113

111	Tilton Mining Co.	5	Danville	39,829	66	222	179	127
27	Truax-Traer Coal Co., No. 2	9	Elkville	500,078	162	190	3,734	22
39	Truax-Traer Coal Co., No. 1	3	St. David	433,286	81	199	2,429	44
31	Truax-Traer Coal Co., No. 2	3	Fiatt	547,158	107	196	2,792	34
79	Union Coal Co.	1	Peru	119,209	329	183	651	87
8	Union Colliery Co.	9	Dowell	1,075,095	631	204	5,270	10
56	United Electric Coal Cos., No. 9	3	Cuba	322,983	104	153	2,111	52
6	United Electric Coal Cos., No. 11	9	DuQuoin	1,089,758	249	205	5,316	9
61	United Electric Coal Cos., No. 13	3	Freeburg	230,508	64	154	1,497	61
25	United Electric Coal Cos., No. 17	8	Canton	568,324	72	234	2,429	44
13	United States Fuel Co., Bun	3	Georgetown	771,808	1,195	154	5,012	11
10	Valer Coal Co., No. 1	10	Valer	979,294	579	130	7,533	2
97	Vinegar Hill Coal Co.	8	Leuzburg	57,335	30	123	7,466	99
76	Virgen Mining Corp.	6	Virgen	128,275	137	193	665	86
74	Wallace Coal Co.	12	Marion	144,402	62	190	790	83
77	Watson Coal Co., "A"	11	Harrisburg	121,781	211	154	791	80
46	Watson Coal Co., No. 1	11	Harrisburg	415,673	291	244	1,704	56
114	White Coal Co.	8	Belleville	28,766	67	181	219	121
131	Wilmington Coal Mines, Inc.	1	Ottawa	14,290	20	117	122	133
Total				42,994,107	33,034	148	a 290,501	

a Average.

TABLE 8—OUTPUT OF SHIPPING MINES AND

Mine index number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	Number of days in operation and tons of coal mined.							
				January.		February.		March.		April.	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
BUREAU COUNTY—FIRST DISTRICT.											
7-1	Spring Valley Coal Mining Co.....	No. 3.....	Spring Valley.....	15	7,242	16	7,755	10	5,292	4	2,909
HENRY COUNTY—FIRST DISTRICT.											
7-1	Midland Electric Coal Co.....	No. 1.....	Atkinson.....	25	52,466	24	50,175	27	61,174	23	50,331
7-2	Shuler Coal Co.....	Alpha.....	Alpha.....	18	6,687	21	7,115	20	6,584		
7-3	Alpha Coal Mine.....	Alpha.....	Alpha.....								
Total and average.....				23	59,153	23	57,290	24	67,758	23	50,331
LA SALLE COUNTY—FIRST DISTRICT.											
7-1	Buffalo Rock Coal Co.....		Ottawa.....	21	4,125	19	4,583	16	3,391	10	1,894
7-2	Peru Deep Vein Coal Co.....	No. 3.....	Peru.....	22	7,775	20	7,061	18	6,208	11	3,848
7-3	Union Coal Co.....		Peru.....	20	15,576	21	17,334	25	16,921	20	11,682
7-4	Wilmington Coal Mines, Inc.....		Ottawa.....	16	1,268	14	2,105	17	1,690	10	563
7-5	Osage Coal Co.....	No. 1.....	Ottawa.....	24	12,564	22	12,039	23	9,104	20	7,867
Total and average.....				21	41,308	19	43,122	20	37,314	14	25,854
WILL COUNTY—FIRST DISTRICT.											
7-1	Northern Illinois Coal Corp.....	No. 10.....	Wilmington.....	25	118,150	24	111,680	26	108,206	24	99,823
PEORIA COUNTY—SECOND DISTRICT.											
7-1	Crescent Mining Co.....	No. 1.....	Peoria.....	15	36,881	21	50,328	20	50,462	15	35,154
7-2	Crescent Mining Co.....	No. 6.....	Peoria.....	10	34,597	17	55,305	15	50,290	13	41,815
Total and average.....				13	71,478	19	105,633	18	100,752	14	76,969
TAZEWELL COUNTY—SECOND DISTRICT.											
7-1	Lake Erie Mining Co.....		Peoria.....	16	6,423	10	4,039				
WOODFORD COUNTY—SECOND DISTRICT.											
7-2	W. G. Sutton.....		Minonk.....	17	6,653	20	7,051	15	5,388		
FULTON COUNTY—THIRD DISTRICT.											
7-1	Blakely Coal Co.....		Canton.....	22	9,066	23	9,399	21	6,096	15	4,396
7-2	Central State Collieries, Inc.....		St. David.....	25	59,166	21	53,294	22	51,170	20	45,290
7-3	Golden Rule Coal Co.....		Middle Grove.....	24	2,498	23	2,157	21	2,380	22	791
7-6	Illinois Colliery Co.....		Farmington.....	7	2,092	9	2,457	7	1,714	11	946
7-7	Midland Electric Coal Co.....	No. 2.....	Farmington.....	25	74,884	22	59,400	27	76,452	23	59,748
7-10	Pschirrer & Sons Coal Co.....	No. 3.....	Canton.....	15	10,494	16	11,245	10	6,137	10	5,222
7-12	Truax-Traer Coal Co.....	No. 1.....	St. David.....	22	51,948	20	46,030	18	43,937	18	43,014
7-13	Truax-Traer Coal Co.....	No. 2.....	Fiatt.....	23	61,585	20	55,235	21	54,083	18	49,368
7-14	United Electric Coal Cos.....	No. 9.....	Cuba.....	16	33,532	20	40,802	15	32,267	14	30,434
7-15	United Electric Coal Cos.....	No. 17.....	Canton.....	17	48,802	20	44,523	23	51,462	21	44,923
Total and average.....				20	354,067	19	324,542	19	325,698	17	284,132
KNOX COUNTY—THIRD DISTRICT.											
7-2	Little John Coal Co.....	No. 5.....	Victoria.....	24	63,731	23	60,941	24	62,399	20	46,485
CHRISTIAN COUNTY—FOURTH DISTRICT.											
7-1	Pana Coal Co.....	No. 1.....	Pana.....	24	5,680	23	7,112	23	8,164	2	708
7-2	Peabody Coal Co.....	No. 7.....	Kincaid.....	15	91,595	13	75,991	15	92,933	19	121,864
7-3	Peabody Coal Co.....	No. 8.....	Kincaid.....	15	93,831	14	89,616	15	96,531	7	41,922
7-4	Peabody Coal Co.....	No. 9.....	Taylorville.....	15	94,793	14	88,001	13	82,302	19	123,324
7-5	Peabody Coal Co.....	No. 58.....	Taylorville.....	16	66,010	16	67,737	19	79,871	15	64,534
7-6	Penwell Coal Mining Co.....		Pana.....	9	16,670	8	14,720	9	13,663		
Total and average.....				16	368,579	15	343,177	16	373,464	12	352,652

DAYS WORKED EACH MONTH IN 1939.

Number of days in operation and tons of coal mined.

May.		June.		July.		August.		September.		October.		November.		December.		Total.		Mine index number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
								19	3,985	14	6,414	11	5,648	12	6,522	101	45,767	S-1
11	23,191	23	47,954	25	56,687	27	59,443	25	56,806	26	62,812	24	53,839	25	54,396	285	629,274	S-1
										18	1,980	10	2,048	12	2,258	59	20,386	S-2
																40	6,286	S-2
11	23,191	23	47,954	25	56,687	27	59,443	25	56,806	22	64,792	17	55,887	18	56,654	192	655,946	
2	723							10	1,441	12	2,379	14	2,623	15	3,384	119	24,543	S-1
2	591							18	6,078	19	7,007	17	6,403	20	7,605	147	52,576	S-2
4	2,209					4	764	22	13,155	22	15,049	21	13,241	24	13,278	183	119,209	S-3
	32							3		15	1,958	19	2,540	20	4,134	117	14,290	S-4
4	3,497	5	4,373	5	2,987	6	4,381	19	10,096	26	12,140	25	15,099	25	14,088	204	108,235	S-5
3	7,052	5	4,373	5	2,987	5	5,145	14	30,770	19	38,533	19	39,906	21	42,489	154	318,853	
11	46,587	21	62,503	19	74,777	23	95,896	21	96,597	23	118,087	23	100,433	23	110,164	263	1,142,903	S-1
4	9,723	13	30,789	18	43,749	14	32,983	15	35,202	18	44,469	15	37,126	16	39,539	184	446,405	S-1
4	13,360	6	18,146	5	14,927	13	41,281	13	38,806	14	46,696	14	45,605	12	39,263	136	440,091	S-2
4	23,083	10	48,935	12	58,676	14	74,264	14	74,008	16	91,165	15	82,731	14	78,802	160	886,496	
																26	10,462	S-1
						10	2,547	16	4,967	18	6,136	12	4,234	13	4,695	121	41,671	S-2
15	3,551	3	179	5	808	21	5,517	25	10,167	26	11,956	25	12,354	25	11,363	226	84,852	S-1
11	28,465	18	41,379	14	34,450	15	36,982	17	42,398	22	59,968	21	54,987	23	59,096	229	566,645	S-2
20	415	16	818	16	1,113	22	1,268	22	1,114	23	1,391	23	1,420	21	1,431	253	16,796	S-5
8	676			3	228	10	698	19	1,733	24	2,462	24	2,472	24	2,615	146	18,093	S-6
12	31,775	13	35,368	16	42,745	16	40,179	22	58,942	26	77,809	24	65,795	25	74,842	251	697,939	S-7
10	5,020			8	2,873	12	5,859	20	13,121	22	15,614	20	12,863	23	14,023	166	101,973	S-10
8	18,856	9	21,467	9	27,116	15	35,884	18	43,230	21	50,983	20	50,998	21	50,123	199	453,286	S-12
7	19,660	8	19,419	11	26,670	10	30,433	15	43,054	22	65,707	20	59,575	21	61,369	196	547,158	S-13
5	18,525			11	2,505	5	11,781	9	18,572	22	49,893	22	48,209	21	45,449	153	322,983	S-14
12	32,863	20	46,155	20	43,448	20	56,399	19	53,282	21	51,026	19	45,339	22	50,102	234	568,324	S-15
11	159,806	12	164,796	10	181,959	15	224,700	19	285,613	23	378,809	22	353,514	23	370,413	205	3,408,049	
9	23,405	16	33,875	16	33,134	20	43,654	24	54,087	26	60,207	23	57,805	24	63,189	249	602,912	S-2
																72	21,664	S-1
1	2,492	12	75,207	14	89,197	16	99,337	15	88,019	19	110,070	18	102,468	21	132,395	178	1,081,568	S-2
13	82,057	15	95,439	14	89,452	11	69,801	15	95,756	18	112,930	18	114,391	21	136,220	176	1,117,976	S-3
14	87,062			14	86,119	17	104,541	13	80,695	18	110,703	18	110,079	21	129,163	176	1,097,382	S-4
12	52,426	12	51,886			14	58,723	13	55,439	19	80,657	20	84,228	21	89,966	177	751,777	S-5
										8	8,501	11	17,526	10	19,453	55	90,533	S-6
10	224,637	13	222,532	14	264,798	15	332,402	14	319,909	16	422,861	17	428,692	19	507,197	139	4,160,900	

TABLE 8—

Mine index number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	Number of days in operation and tons of coal mined.							
				January.		February.		March.		April.	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
SANGAMON COUNTY—FOURTH DISTRICT.											
2-1	Central Illinois Coal Mining Co.....	A.....	Springfield.....	18	30,188	19	31,344	20	34,145		
2-2	Mine B Coal Co.....		Springfield.....								
2-3	Panther Creek Mines, Inc.....	No. 4.....	Springfield.....	11	10,382	21	18,876	6	6,703	2	1,775
2-4	Panther Creek Mines, Inc.....	No. 5.....	Springfield.....	19	19,527	24	24,734	27	27,712	21	26,453
2-5	Peabody Coal Co.....	No. 53.....	Springfield.....	17	46,803	18	49,567	19	52,204	9	24,743
2-6	Peabody Coal Co.....	No. 57.....	Springfield.....	12	32,989	12	30,750	12	31,927	17	42,234
2-7	Peabody Coal Co.....	No. 59.....	Springfield.....	10	28,643	12	35,211	12	35,671	16	46,345
Total and average.....				15	168,532	18	190,482	16	188,362	13	142,550
EDGAR COUNTY—FIFTH DISTRICT.											
S-1	Lincoln City Coal Co.....		St. Berniece.....	8	5,654	10	7,703	13	9,632	8	5,825
MACON COUNTY—FIFTH DISTRICT.											
S-1	Macon County Coal Co.....	No. 1.....	Decatur.....	25	19,262	23	18,325	27	19,052		
VERMILION COUNTY—FIFTH DISTRICT.											
S-1	United States Fuel Co.....	Bunsen ville.....	Georgetown.....	13	67,018	18	91,030	20	99,649	17	87,367
2-2	Peabody Coal Co.....	No. 24.....	Danville.....	14	52,246	20	72,396	23	79,722	18	65,038
2-3	F. C. Morgan Coal Co.....		Danville.....	16	15,746	14	15,573	9	10,435	8	8,413
2-4	Tilton Mining Co.....		Danville.....	15	6,382	17	6,509	20	6,828	13	3,003
2-6	Skelton Coal Co.....		Muncie.....	24	688	12	293	25	361	20	469
2-56	Grape Creek Mining Co.....		Danville.....								
Total and average.....				16	142,080	16	185,801	19	196,995	15	164,290
MACOUPIN COUNTY—SIXTH DISTRICT.											
S-1	Consolidated Coal Co.....	No. 7.....	Staunton.....	17	42,367	16	40,771	16	40,429	14	35,826
2-2	Consolidated Coal Co.....	No. 15.....	Mt. Olive.....	16	49,138	14	44,041	20	62,990	12	37,222
2-3	Gillespie Coal Co.....		Gillespie.....	24	28,304	22	26,048	18	22,414	17	19,635
2-4	Mt. Olive Coal Co.....		Mt. Olive.....	15	10,067	24	11,419	19	7,946	14	5,979
2-5	South Mine Co.....		Carlinville.....	11	2,499	14	3,008	8	1,730	6	1,185
2-6	Superior Coal Co.....	No. 1.....	Gillespie.....	25	55,973	24	53,294	24	54,775	13	29,835
2-7	Superior Coal Co.....	No. 2.....	Gillespie.....	25	61,953	24	58,951	22	54,429	19	45,363
2-8	Superior Coal Co.....	No. 3.....	Gillespie.....	25	70,017	23	63,132	23	64,585	19	53,614
2-9	Superior Coal Co.....	No. 4.....	Gillespie.....	24	67,754	24	71,990	25	76,579	13	40,814
2-10	Lincoln Liquidating Corp.....		Viriden.....	18	11,128	20	12,261	1	574		
2-10	Viriden Mining Corp.....		Viriden.....					22	13,799	19	12,032
Total and average.....				20	399,200	21	384,915	20	400,250	15	281,505
MONTGOMERY COUNTY—SIXTH DISTRICT.											
S-1	Hillsboro Mining Co.....		Hillsboro.....	13	7,738	10	5,905	8	4,610	8	5,087
2-2	Indiana & Illinois Coal Corp.....	No. 10.....	Nokomis.....	10	26,106	10	26,130	10	26,062	2	4,484
2-3	Nokomis Coal Co.....		Nokomis.....	19	45,727	16	38,107	16	39,591	18	44,628
Total and average.....				14	79,571	12	70,142	11	70,263	9	54,199
BOND COUNTY—SEVENTH DISTRICT.											
S-1	Illinois-Pocahontas Coal Co.....		Pocahontas.....	13	7,971	14	8,794	12	8,226	17	10,823
MADISON COUNTY—SEVENTH DISTRICT.											
2-1	Burn Well Coal Co.....		Collinsville.....	25	5,574	24	6,179	19	2,918		
2-2	Chicopee Coal Co.....		Troy.....	10	7,443	12	7,527	5	3,305		
2-3	Livingston-Mt. Olive Coal Co.....		Livingston.....	21	13,541	22	16,677	22	17,173	18	13,401
2-4	Lumaghi Coal Co.....	No. 2.....	Collinsville.....	17	39,940	18	43,927	12	29,691	20	47,773
2-5	Madison County Coal & Mining Co.....		Edwardsville.....	20	21,192	18	19,408	15	16,371	11	11,585
2-6	Mt. Olive & Staunton Coal Co.....	No. 2.....	Staunton.....	22	65,446	16	47,914	21	55,049	17	44,561
Total and average.....				19	153,136	18	141,632	16	124,507	16	117,320

Continued.

Number of days in operation and tons of coal mined.

May		June		July		August		September		October		November		December		Total.		Mine index number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
								8	9,401	17	23,616	18	27,828	20	31,042	120	187,564	2-1
												11	7,265	13	15,130	24	22,395	2-2
11	17,068															51	54,804	2-3
14	20,436	11	14,132	16	20,868	20	26,214	24	30,994	24	31,495	24	31,897	24	32,428	248	306,890	2-4
11	30,095		79	14	37,710			12	31,325	15	39,680	16	42,695	22	57,134	153	412,035	2-5
7	18,593		63	15	30,633	14	33,839			17	38,559	17	39,357	22	53,654	145	353,598	2-6
8	22,191	18	46,498			14	34,459	13	34,216	15	40,974	15	41,422	22	57,043	155	422,673	2-7
10	108,383	15	60,772	15	89,211	16	94,512	14	105,936	16	174,324	17	190,464	20	246,431	128	1,759,959	
7	5,590	3	1,791	5	3,540	6	4,030	5	3,933	10	8,718	11	9,131	7	5,537	93	71,084	2-1
								4	475	19	5,928	24	12,041	24	14,763	146	89,846	2-1
6	29,389	4	17,993	8	36,699	10	44,271	11	51,771	16	81,531	16	85,227	15	79,863	154	771,808	2-1
9	34,334	6	21,505	8	28,934	10	37,612	12	43,500	21	73,235	22	75,143	21	71,536	184	655,201	2-2
6	6,506	2	2,578	6	4,824	8	6,542	9	9,546	17	17,729	17	17,137	13	14,274	125	129,303	2-3
20	146	22	608	21	564	22	528	22	2,595	15	3,054	15	4,205	20	5,107	222	39,829	2-4
4	204			3	67	13	408	10	256	16	595	21	894	23	947	171	5,182	2-6
												9	4,647	7	5,617	16	10,264	2-6
9	70,579	9	42,684	9	71,088	13	89,661	13	107,668	17	176,144	17	187,253	17	177,344	145	1,611,587	
11	28,989	12	31,139	12	32,218	14	36,921	13	32,871	18	43,599	19	46,548	24	60,630	186	472,308	2-1
9	28,654					4	11,468	4	11,422	7	20,688	15	46,058	25	79,122	126	390,803	2-2
10	11,870							6	6,895	18	22,017	22	26,699	24	29,461	161	193,343	2-3
8	5,199	7	3,116	9	3,759	16	7,026	15	10,282	16	11,666	12	10,104	19	12,876	174	99,439	2-4
	87	1	167	1	184	4	640	9	1,727	15	3,171	18	3,653	16	3,397	103	21,478	2-5
17	39,221	13	28,639	16	36,193	21	48,225	13	30,338	17	37,702		64			183	414,259	2-6
13	32,514	24	60,557	16	40,782	10	24,816	22	55,598	23	57,295	9	22,353			207	514,611	2-7
19	53,332	18	50,686	11	31,113	21	59,996	23	65,689			12	32,569			194	544,733	2-8
16	50,167	15	47,122	19	54,054	26	72,521	17	47,508	25	71,321	11	31,973			215	631,803	2-9
22	14,392	16	10,818	21	14,315	18	11,994	19	12,487	19	13,439	20	13,289	17	11,710	39	23,963	2-10
																193	128,275	2-10
14	264,425	13	232,274	13	212,618	15	273,607	14	274,817	18	280,898	15	233,310	21	197,196	178	3,435,015	
11	7,625									19	11,930	19	12,954	23	15,080	111	70,929	2-1
17	41,617	13	33,655	15	40,124	21	56,087	21	54,777	22	58,245	22	58,483	21	58,256	32	82,782	2-2
																221	569,297	2-3
14	49,242	13	33,655	15	40,124	21	56,087	21	54,777	21	70,175	21	71,437	22	73,336	121	723,008	
14	8,108	7	4,082	12	7,358	12	7,434	13	8,525	14	11,282	13	10,734	13	10,246	154	103,583	2-1
								9	1,424	22	3,438	20	2,880	18	3,347	137	25,760	2-1
									8,651	20	12,270	12	7,510	11	7,230	92	58,664	2-2
18	13,737	13	10,333	12	12,301	19	20,600	22	23,009	22	23,927	13	15,802	18	19,546	220	200,047	2-3
11	25,646					15	33,417	12	27,957	21	50,606	16	38,165	17	39,307	159	376,429	2-4
15	14,957	11	13,127	12	14,161	14	16,570	14	15,816	20	21,394	20	22,043	20	20,905	190	207,529	2-5
18	48,561	13	35,697	18	47,544	21	56,912	20	55,319	25	73,359	24	70,531	25	75,054	240	675,947	2-6
16	102,901	12	59,157	14	74,006	16	132,227	15	132,176	22	184,994	18	156,931	18	165,389	173	1,544,376	

TABLE 8—

Mine index number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	Number of days in operation and tons of coal mined.							
				January.		February.		March.		April.	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
MARION COUNTY—SEVENTH DISTRICT.											
Y-1	Marion County Coal Co.....		Centralia.....	22	22,422	21	21,468	21	21,051	19	18,556
CLINTON COUNTY—EIGHTH DISTRICT.											
Y-1	Beckemeyer Coal Co.....		Beckemeyer.....	12	6,925	13	7,358	7	4,242	7	2,540
Y-2	Citizens Coal Co.....		Breese.....	13	5,895	15	7,003	9	4,296	5	1,679
Total and average.....				13	12,820	14	14,361	8	8,538	6	4,219
ST. CLAIR COUNTY—EIGHTH DISTRICT.											
Y-3	Golden Rule Coal Co.....		Lenzburg.....	15	6,133	14	5,526	10	4,134	12	4,705
Y-4	Groom Coal Co.....		Belleville.....	20	7,588	18	8,072	10	4,048	2	907
Y-5	Gundlach Coal Co.....		East St. Louis.....	21	20,638	18	17,132	15	14,505	13	13,614
Y-6	Lenzburg Coal Co.....		Lenzburg.....	21	6,794	19	6,300	14	4,698	15	5,161
Y-7	Mulberry Hill Coal Co.....		Freeburg.....	21	11,904	20	11,127	12	6,606	10	5,492
Y-8	Marissa Coal Co.....		Marissa.....	12	2,105	11	2,052	10	1,844	3	475
Y-9	Perry Coal Co.....		O'Fallon.....	25	39,980	23	36,762	22	30,196	20	28,314
Y-10	Prairie Coal Co.....		Belleville.....	12	9,976	13	10,414	5	4,310	1	1,176
Y-11	St. Louis & O'Fallon Coal Co.....	No. 2.....	East St. Louis.....	24	35,619	22	34,195	21	31,367	18	29,214
Y-12	Service Coal & Mining Co.....		Belleville.....	24	6,558	24	6,908	16	4,557		
Y-13	Southern Coal, Coke & Mining Co.....	No. 7.....	Belleville.....	7	6,299						
Y-14	United Electric Coal Cos.....	No. 13.....	Freeburg.....	18	25,567	16	22,385	14	19,004	14	21,359
Y-15	Vinegar Hill Coal Co.....		Lenzburg.....	17	8,297	16	7,551	12	5,814	13	5,821
Y-16	White Coal Co.....		Belleville.....	24	8,400	12	4,100				
Y-17	Mascoutah Coal & Mining Co.....	No. 2.....	Mascoutah.....	4	1,310	4	748	7	1,666		
L-52	Freeburg Coal Co.....		Freeburg.....					9	244	21	525
Total and average.....				18	197,168	16	173,272	14	132,993	12	116,763
JACKSON COUNTY—NINTH DISTRICT.											
Y-1	Truax-Traer Coal Co.....	No. 2.....	Elkville.....	18	66,836	19	65,969	18	64,734	14	49,949
Y-2	Union Colliery Co.....	Kathleen.....	Dowell.....	18	96,313	15	80,777	14	72,949	15	79,011
Total and average.....				18	163,149	17	146,746	16	137,683	15	128,960
PERRY COUNTY—NINTH DISTRICT.											
Y-2	Beaucoup Coal Co.....		Pinckneyville.....	18	1,613	19	1,847	21	2,017	22	2,055
Y-3	Pinckneyville Mining Co.....	No. 5.....	Pinckneyville.....	11	3,144	10	2,341	10	2,379	8	1,991
Y-4	Conant Coal Co.....		Conant.....	22	1,237	20	1,345	18	1,202	11	1,000
Y-5	Peabody Coal Co.....	No. 14.....	DuQuoin.....	15	53,275	15	50,111	12	45,166	14	51,233
Y-6	Cutler Coal Co., Inc.....		Cutler.....	17	10,153	18	10,714	11	6,642	10	5,552
Y-7	Home Coal Co.....		Tamaroa.....	20	3,450	20	3,525	15	2,014	12	1,978
Y-8	Edgar Coal Co.....		Tamaroa.....	21	852	15	830	13	753	4	137
Y-9	New Galum Coal Corp.....		Conant.....	20	2,844	17	3,520	12	2,380	9	2,524
Y-10	Perfection Coal Co.....		DuQuoin.....	6	4,749	6	4,651	6	4,175	9	9,101
Y-11	Pyramid Coal Corp.....		Pinckneyville.....	21	149,942	21	135,788	20	140,508	18	127,760
Y-12	United Electric Coal Cos.....	No. 11.....	DuQuoin.....	18	104,578	19	103,037	18	96,732	18	97,050
Y-13	C. & R. Coal Co.....		Cutler.....	14	7,665	18	9,708	13	6,586	10	4,518
Y-14	Coulterville Coal Co.....		Coulterville.....	22	4,389	20	4,615	16	3,328	15	3,350
Total and average.....				17	347,921	17	332,082	14	313,992	12	308,249
RANDOLPH COUNTY—NINTH DISTRICT.											
Y-2	Crain Coal Co.....		Percy.....	21	1,298	21	1,091	20	840	18	955
Y-3	Ill-Mo Coal Co.....		Sparta.....	14	1,536	11	1,395	9	1,048	10	1,194
Y-4	Moffat Coal Co.....	No. 1.....	Sparta.....	16	21,193	16	19,647	21	24,929	15	16,063
Y-5	St. Louis Coal Co.....		Coulterville.....	11	19,194	12	21,104	12	19,891	6	9,820
Y-6	Southwestern Illinois Coal Corp.....		Percy.....	22	89,419	20	80,242	20	83,803	17	67,050
Y-7	Moffat Coal Co.....	No. 2.....	Sparta.....								
Total and average.....				17	132,640	16	123,479	16	130,511	13	95,022

Continued.

Number of days in operation and tons of coal mined.

May.		June.		July.		August.		September.		October.		November.		December.		Total.		Mine index number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
4	3,798	-----	-----	12	10,957	11	11,091	11	10,870	21	20,944	21	21,188	20	19,685	183	182,030	S-1
4	1,215	6	2,299	9	2,726	12	3,161	14	4,313	16	6,787	11	6,897	13	7,830	124	56,293	S-1
1	787	1	298	2	886	4	1,679	9	3,540	16	6,695	11	5,568	12	6,152	98	44,478	S-2
3	2,002	4	2,597	5	3,612	8	4,840	12	7,853	16	13,482	11	12,465	13	13,982	111	100,771	
15	6,091	3	1,170	-----	-----	4	1,338	20	7,638	22	8,594	16	6,528	17	6,546	148	58,403	S-3
2	699	2	980	2	842	3	1,625	7	2,509	13	5,144	10	3,843	11	4,493	100	40,750	S-4
17	17,455	9	9,489	12	12,087	11	11,266	12	12,434	15	16,016	15	14,226	16	15,453	175	174,315	S-5
8	3,272	-----	86	-----	-----	-----	-----	-----	-----	9	2,460	15	4,260	101	33,081	5	33,081	S-6
9	5,463	-----	-----	-----	-----	4	1,858	8	5,491	18	10,592	15	9,035	17	10,111	134	77,679	S-7
3	313	-----	-----	-----	-----	-----	-----	-----	-----	13	2,187	12	2,788	17	3,830	81	15,594	S-8
11	14,922	-----	-----	-----	-----	5	4,348	23	25,462	22	26,098	24	29,220	25	32,516	200	267,818	S-10
18	28,216	15	24,564	17	28,138	20	33,917	18	30,647	25	40,311	22	34,482	23	36,321	243	386,991	S-11
-----	-----	-----	-----	-----	-----	19	2,260	24	4,202	22	4,630	19	4,630	19	4,384	148	33,499	S-13
6	8,579	8	10,067	7	11,297	12	18,209	15	24,099	15	24,156	15	22,440	14	23,346	154	230,508	S-17
15	6,767	-----	-----	-----	-----	13	1,205	21	3,863	23	8,504	14	6,397	15	8,184	123	57,335	S-19
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4,474	20	3,584	18	3,150	131	28,776	S-20
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	15	3,724	S-21
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	30	769	L-52
10	91,777	7	46,356	10	52,364	9	73,766	16	114,403	19	167,558	16	152,645	17	166,152	116	1,485,217	
7	28,605	4	14,262	5	22,433	8	33,187	14	49,968	19	69,318	16	65,519	8	29,298	150	560,078	S-1
7	36,429	13	67,194	17	90,802	20	107,179	20	103,462	22	111,661	22	116,794	21	112,524	204	1,075,095	S-2
7	65,034	9	81,456	11	113,235	14	140,366	17	153,430	21	180,979	19	182,313	14	141,822	177	1,635,173	
8	504	12	1,054	20	1,833	23	2,242	20	1,841	21	1,888	24	2,024	24	2,362	232	21,280	S-2
15	3,016	6	873	-----	-----	3	175	14	3,210	19	4,493	17	3,875	10	2,533	123	28,080	S-4
5	233	10	474	17	1,033	16	1,064	23	1,428	24	1,458	21	1,397	20	1,578	207	13,449	S-5
9	32,537	5	17,507	8	27,845	11	38,331	13	45,703	17	60,046	14	53,130	14	51,123	147	525,827	S-6
4	2,100	-----	-----	-----	-----	-----	-----	-----	-----	6	2,609	17	9,252	15	8,544	98	55,566	S-9
5	758	-----	-----	7	913	9	1,397	18	2,660	23	3,080	21	3,714	20	3,710	170	27,223	S-10
5	239	-----	-----	-----	-----	-----	-----	-----	-----	19	3,292	22	4,498	23	5,012	150	28,072	S-11
10	1,688	9	1,144	9	1,170	-----	-----	-----	-----	7	3,634	4	3,165	6	3,898	55	41,929	S-12
3	2,189	1	1,099	2	1,366	2	1,899	3	2,176	7	3,634	4	3,165	6	3,898	55	41,929	S-12
10	63,553	10	63,940	13	94,151	18	62,958	20	64,231	18	83,781	17	78,858	21	126,733	207	1,192,263	S-13
11	46,293	13	47,066	13	63,790	15	79,016	19	100,123	21	120,035	22	130,979	18	101,039	205	1,089,758	S-14
4	1,634	-----	6	2,146	8	2,451	12	5,608	18	8,287	14	6,334	18	8,835	133	63,802	S-15	
10	1,698	-----	-----	-----	-----	6	2,334	15	2,334	15	6,062	20	8,617	22	9,820	146	44,213	S-16
8	156,262	8	133,067	11	194,247	12	189,473	15	229,314	17	298,665	18	305,843	18	325,187	148	3,134,252	
19	353	10	377	15	703	16	687	20	1,030	21	1,182	22	1,237	21	1,173	224	10,926	S-2
3	472	-----	-----	-----	-----	10	984	14	1,428	18	2,106	15	1,621	16	1,814	120	13,598	S-3
6	4,957	22	16,154	17	16,552	17	16,083	18	14,209	2	1,359	-----	-----	-----	-----	150	151,086	S-5
6	9,633	-----	-----	-----	-----	-----	-----	-----	5,604	22	34,212	18	28,983	18	29,133	109	177,574	S-6
10	40,998	10	36,580	13	49,539	18	73,981	19	76,288	22	87,704	21	75,835	22	79,981	214	841,421	S-7
-----	-----	-----	-----	-----	-----	9	743	25	2,549	26	8,613	24	10,093	23	19,146	107	41,144	S-15
9	56,413	14	53,111	15	66,794	14	92,478	17	101,109	19	135,176	20	117,769	20	131,247	154	1,235,749	

Continued.

Number of days in operation and tons of coal mined.

May.		June.		July.		August.		September.		October.		November.		December.		Total.		Mine index number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
7	12,822	3	5,116	2	3,493	6	10,388	6	9,937	10	16,522	14	24,603	21	36,517	121	215,488	S-1
5	504	8	607	7	551	15	1,701	18	2,434	22	3,819	19	3,217	16	2,742	158	22,925	S-3
6	13,326	6	5,723	5	4,044	11	12,089	12	12,371	16	20,341	17	27,820	19	39,259	105	251,651	
10	64,662	6	40,914	6	49,016	12	85,066	11	77,433	16	106,025	14	100,192	12	90,545	141	1,010,502	S-1
4	23,075	5	28,117	4	23,617	9	52,806	19	114,436	16	95,881	14	85,006	14	83,580	139	805,636	S-2
3	16,571	14	68,723			9	44,535	17	83,855	16	82,665	13	66,463	10	52,220	144	715,694	S-3
8	79,331			10	91,840	12	113,111	15	141,775	18	168,069	15	140,538	16	152,756	145	1,363,095	S-4
5	17,417	6	20,612	12	41,046	9	30,281	15	51,171	17	60,246	16	53,580	14	49,504	156	535,786	S-6
8	32,997	4	15,735	1	3,456	17	69,192	13	53,713	18	76,230	14	59,166	14	59,990	144	604,124	S-7
9	38,890	4	16,096	6	24,566	8	32,693	12	48,866	17	69,755	14	57,902	15	63,985	132	547,953	S-8
7	25,174	3	10,664			8	28,692	17	61,346	18	67,848	14	52,293	14	53,264	129	469,668	S-9
4	15,873	4	15,176	7	26,520	11	41,489	14	52,860	19	71,574	14	52,005	14	53,422	144	545,744	S-10
4	15,747	5	19,673	5	19,876	10	39,507	14	54,084	20	77,008	15	59,145	14	55,439	141	550,737	S-11
6	25,088			7	25,353	9	33,865	14	53,902	15	58,729	13	51,306	14	55,806	132	525,683	S-12
5	34,131			6	42,149	8	59,767	8	59,611	15	113,442	15	111,618	11	85,476	130	979,294	S-14
6	388,956	6	235,710	6	347,439	10	631,004	14	853,052	17	1,047,472	14	889,214	14	855,987	140	8,653,916	
13	5,716	22	9,768	19	9,077	27	9,762	21	8,153	21	16,477	20	18,350	22	20,596	272	120,077	S-2
25	84,494	11	34,547	14	41,960	20	62,278	25	71,679	25	75,300	22	66,813	24	67,060	253	754,910	S-1
21	31,528			12	16,010	11	15,838	13	17,890	11	14,244	20	20,290	21	23,630	155	205,846	S-3
6	14,515	10	23,057			21	48,138	3	6,572	18	40,551	14	34,634	15	39,528	140	325,443	S-4
9	35,422			9	36,299			22	76,061	15	53,580	14	50,622	15	60,444	145	551,957	S-5
21	46,806	4	8,082	8	15,940	10	19,580	16	31,994	21	44,595	17	36,332	20	43,727	197	403,849	S-6
15	40,485															54	147,494	S-7
16	33,487							10	15,341	22	43,959	13	26,393	13	27,039	122	245,481	S-9
25	12,659	12	7,178	12	7,461	13	6,180			21	18,969	8	8,352			154	121,781	S-11
24	41,876	13	22,779	13	22,934	17	29,416	21	34,175	23	36,294	22	34,613	25	40,364	244	415,673	S-12
				10	3,264	29	6,954	31	7,464	28	7,464	28	11,487	25	14,759	123	43,928	S-15
26	20,884	25	23,386	23	23,515	25	26,084	25	28,770	26	49,395	24	64,516	25	58,675	300	405,972	S-16
19	362,156	13	119,029	13	164,119	16	211,178	18	289,436	21	384,351	18	354,052	20	375,226	172	3,622,334	
										10	454	17	1,468	4	342	31	2,264	S-1

TABLE 8—

Mine index number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	Number of days in operation and tons of coal mined.								
				January.		February.		March.		April.		
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
	WILLIAMSON COUNTY—TWELFTH DISTRICT.											
2-1	Marvel Coal Co.		Pittsburg	15	7,602							
2-1	M. & S. Coal Co.		Pittsburg									
2-3	Consolidated Coal Co.	New Monarch	Herrin	9	27,610	9	26,396	8	22,781	10	30,324	
2-4	Delta Coal Mining Co.		Marion	15	38,056	17	38,608	15	32,548	18	51,084	
2-7	Forsyth-Carterville Coal Co.		Carterville	11	8,443	15	8,426	14	8,540		1,729	
2-9	Freeman Coal Mining Co.		Herrin	22	16,255	19	19,314	18	19,290			
2-13	McLaren Coal Co.	No. 1	Carterville	8	8,284	8	8,110	5	5,800	9	10,621	
2-17	Seymour Coal Mining Co.		Herrin	21	62,538	18	55,170	15	44,018	15	45,513	
2-19	Wallace Coal Co.		Marion	15	11,057	19	13,384	22	15,107	16	13,097	
2-20	Consolidated Coal Co.	Buckhorn	Herrin	15	15,022	18	18,945	11	14,376	13	17,920	
2-21	Diamond Coal Co.	No. 3	Herrin	22	850	22	850	26	1,050	15	650	
2-80	Cox Coal Co.		Marion									
L-1	Peerless Coal Co.		Cambria	24	4,500	22	4,000	24	3,735			
L-5	Spillertown Coal Co.		Marion							13	427	
	Total and average.			15	200,217	17	193,203	16	167,245	14	171,365	
	Grand total and average.			17	4,576,797	17	4,468,960	16	4,133,034	13	3,528,418	

Concluded.

Number of days in operation and tons of coal mined.																		
May.		June.		July.		August.		September.		October.		November.		December.		Total.		Mine index number
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
								9	3,436	9	4,284	16	6,566	10	4,503	15	7,602	S-1
																44	18,789	S-2
6	17,023	6	14,466	7	16,957	9	22,175	9	22,645	15	34,970	16	37,120	12	29,840	116	302,307	S-3
6	17,861	11	26,088	15	36,323	19	38,492	21	45,470	21	52,351	15	38,433	18	39,093	191	454,407	S-4
3	1,028	9	3,202	7	4,128	11	9,277	14	11,954	18	13,758	15	11,459	15	14,266	132	96,210	S-5
																59	54,859	S-6
10	10,100	7	7,101	2	2,141	4	4,847	5	5,604	14	15,593	16	17,153	17	16,856	105	112,210	S-13
8	24,322	6	18,790	9	30,479	12	38,480	15	45,330	20	63,110	19	57,151	19	58,800	177	543,701	S-17
8	6,442	7	5,686	14	11,318	13	9,998	15	11,847	20	15,197	20	15,079	21	16,180	190	144,402	S-19
10	12,499	5	8,008	4	5,827	6	9,168	7	11,422	19	26,699	16	24,100	17	26,205	141	190,191	S-20
								19	1,000	22	1,050	16	750	12	500	154	6,700	S-21
														9	2,687	9	2,687	S-80
5	599	7	611	14	278	6	626	20	1,486	20	2,341	20	2,877	19	2,711	124	11,956	L-5
7	89,874	7	83,962	9	107,451	10	133,063	13	160,194	18	229,353	17	210,688	15	211,641	117	1,958,256	
10	2,352,303	10	1,790,162	11	2,244,302	13	3,004,719	15	3,555,234	19	4,614,719	17	4,293,966	18	4,431,493	148	42,994,107	

OF MINE EMPLOYEES.

Underground.							On surface.															Total—all employees.	Mine index number.	
Shot firers and drillers.	Shot firers' runners.	Spraggers.	Stablenen.	Timbermen.	Trackmen.	All others underground.	Total underground.	Blacksmiths.	Carpenters.	Hoisting.	Engi- neers. Other.	Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents.	Stablenen—top.	Watchmen.	Weighmen.	Office employees at mine.	Others on surface.			Total on surface.
---	---	1	1	4	1	4	222	1	---	2	---	2	1	---	---	---	---	---	1	5	5	17	239	S-1
2	---	---	1	4	3	---	146	8	---	---	17	---	---	4	2	10	1	2	1	3	94	142	142	S-1
1	---	---	1	1	1	---	59	1	---	2	---	---	1	1	---	2	1	1	1	1	1	11	157	S-2
2	---	---	1	3	2	---	103	9	---	2	17	---	5	2	12	2	---	3	2	4	96	151	254	S-2
---	---	---	---	7	1	2	129	1	1	3	4	---	---	---	---	2	1	1	---	1	13	23	23	S-1
---	---	6	1	4	3	10	307	2	1	1	2	---	1	1	---	---	1	1	2	5	15	144	S-2	
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10	1	1	1	11	22	329	S-3	
---	---	---	---	---	---	---	---	1	---	---	8	4	1	---	---	10	1	1	1	7	20	20	S-4	
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	11	1	2	1	4	38	71	71	S-5
---	---	6	1	11	4	12	436	5	2	4	14	4	2	1	23	5	---	7	3	7	74	151	587	S-1
---	---	---	---	---	---	---	---	6	2	---	32	---	3	3	37	2	---	8	2	12	311	418	418	S-1
---	---	---	---	18	13	22	338	1	---	---	---	---	1	3	1	1	2	2	1	---	4	16	354	S-1
---	2	---	---	12	20	42	476	2	---	---	---	---	1	5	1	1	2	2	1	9	11	35	511	S-2
---	2	---	---	30	33	64	814	3	---	---	---	---	2	8	2	2	4	4	2	9	15	51	865	S-1
2	---	---	---	2	2	---	122	1	---	---	---	---	---	---	---	---	---	1	---	1	3	6	128	S-1
---	---	1	---	---	2	---	160	1	---	2	---	2	1	---	2	---	---	1	1	1	---	11	171	S-2
2	---	---	---	1	3	75	101	1	---	1	---	---	1	---	---	1	---	1	1	1	9	16	117	S-1
---	---	---	---	---	---	---	---	---	1	---	4	4	3	3	27	2	---	2	2	1	55	104	104	S-2
---	---	---	---	---	---	---	14	---	---	---	1	---	---	---	---	---	---	---	1	---	1	3	17	S-5
---	---	---	---	1	1	---	24	---	---	1	---	---	6	2	14	1	---	---	---	4	126	175	S-7	
3	---	1	---	2	4	---	97	1	1	1	19	---	1	---	21	1	---	1	2	1	8	105	10	
---	---	---	---	---	---	---	---	1	1	---	---	---	1	---	4	---	---	2	1	3	50	81	81	S-12
---	---	---	---	---	---	---	---	2	---	---	---	---	3	2	13	---	---	4	1	3	90	107	107	S-13
---	---	---	---	---	---	---	---	2	---	---	5	---	3	2	8	---	---	1	2	76	104	104	S-14	
---	---	---	---	---	---	---	---	2	---	---	2	1	1	2	---	---	---	1	1	2	52	72	72	S-15
5	---	1	4	8	75	236	10	3	3	31	5	20	9	87	7	---	11	9	19	460	674	910	S-2	
---	---	---	---	---	---	---	---	2	3	---	11	---	4	5	8	1	---	3	---	5	65	107	107	S-2

TABLE 9—

Mine index number.	Name of operator.	Post office of mine.	Underground.												
			Brattice men.	Cagers.	Drivers.	Electricians and helpers.	Mechanical loading machine operators.	Mine examiners.	Mine managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners.	Pumpmen and pipemen.
CHRISTIAN COUNTY—FOURTH DISTRICT.															
S-1	Pana Coal Co., No. 1.....	Pana.....	2	9	---	---	3	2	59	---	---	3	3	3	---
S-2	Peabody Coal Co., No. 7.....	Kineaid.....	3	---	34	19	2	21	---	---	---	67	9	9	---
S-3	Peabody Coal Co., No. 8.....	Kineaid.....	2	---	33	34	2	19	---	---	---	76	9	9	2
S-4	Peabody Coal Co., No. 9.....	Taylorville.....	2	---	29	20	2	18	---	---	---	72	9	9	1
S-5	Peabody Coal Co., No. 53.....	Taylorville.....	2	---	24	13	2	14	---	---	---	58	5	5	---
S-6	Penwell Coal Mining Co.....	Pana.....	2	10	---	---	2	3	6	173	---	2	---	---	---
Total.....			9	12	19	120	86	13	77	65	173	278	35	35	3
SANGAMON COUNTY—FOURTH DISTRICT.															
S-1	Central Illinois Coal Mining Co., "A".....	Springfield.....	---	1	17	1	---	1	2	---	210	---	9	---	---
S-2	Mine B Coal Co., "B".....	Springfield.....	2	1	14	2	1	2	---	---	---	5	---	---	---
S-3	Panther Creek Mines, Inc., No. 4.....	Springfield.....	---	2	20	1	---	2	3	---	291	---	6	---	---
S-4	Panther Creek Mines, Inc., No. 5.....	Springfield.....	---	2	17	2	---	2	4	---	330	---	5	---	---
S-5	Peabody Coal Co., No. 53.....	Springfield.....	3	2	35	11	8	1	11	88	---	11	8	8	---
S-6	Peabody Coal Co., No. 57.....	Springfield.....	4	2	30	11	28	2	12	16	---	18	9	9	---
S-7	Peabody Coal Co., No. 59.....	Springfield.....	1	1	38	11	22	2	11	---	---	11	---	---	---
Total.....			10	11	171	39	59	12	43	104	831	65	17	17	---
EDGAR COUNTY—FIFTH DISTRICT.															
S-1	Lincoln City Coal Co.....	St. Berniece.....	---	---	---	---	---	---	---	---	---	---	---	---	---
MACON COUNTY—FIFTH DISTRICT.															
S-1	Macon County Coal Co., No. 1.....	Decatur.....	2	2	12	3	---	1	5	90	---	5	8	8	---
VERMILION COUNTY—FIFTH DISTRICT.															
S-1	United States Fuel Co., Bun.....	Georgetown.....	16	5	---	18	12	5	14	633	---	84	33	33	---
S-2	Peabody Coal Co., No. 24.....	Danville.....	8	2	5	25	17	2	15	---	4	55	22	22	---
S-3	F. C. Morgan Coal Co.....	Danville.....	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4	Tilton Mining Co.....	Danville.....	---	1	2	---	---	1	1	35	8	---	3	3	1
S-5	Skelton Coal Co.....	Muncie.....	---	1	1	---	---	---	1	10	---	---	1	1	---
S-56	Grape Creek Mining Co., No. 7.....	Danville.....	---	---	---	---	---	---	---	---	---	---	---	---	---
Total.....			24	9	8	43	29	8	31	678	12	139	59	59	1
MACOUPIN COUNTY—SIXTH DISTRICT.															
S-1	Consolidated Coal Co., No. 7.....	Staunton.....	2	2	---	8	9	2	7	---	---	36	9	9	---
S-2	Consolidated Coal Co., No. 15.....	Mt. Olive.....	3	3	---	13	31	5	8	---	---	51	18	18	1
S-3	Gillespie Coal Co.....	Gillespie.....	2	2	15	4	---	1	4	92	---	5	6	6	---
S-4	Mt. Olive Coal Co.....	Mt. Olive.....	---	2	3	2	---	1	1	93	---	7	4	3	---
S-5	South Mine Co.....	Carlinville.....	---	1	3	---	---	1	---	---	---	---	1	1	---
S-6	Superior Coal Co., No. 1.....	Gillespie.....	7	4	---	24	29	5	11	---	---	62	7	7	---
S-7	Superior Coal Co., No. 2.....	Gillespie.....	10	4	---	19	37	5	10	---	---	66	8	8	---
S-8	Superior Coal Co., No. 3.....	Gillespie.....	6	4	1	24	30	5	10	---	---	60	8	7	---
S-9	Superior Coal Co., No. 4.....	Gillespie.....	16	4	---	18	39	5	14	---	---	78	10	10	---
S-10	*Lincoln Liquidating Corp.....	Virden.....	---	2	7	1	---	1	1	88	---	4	4	4	---
S-10	*Virden Mining Co.....	Virden.....	---	2	7	2	---	1	---	88	---	4	4	4	---
Total.....			46	28	29	113	175	31	66	273	---	369	75	73	1

Continued.

Underground.										On surface.														Total— all employees.	Mine index number.
Shot firers and drillers.	Shot firers' runners.	Spraggers.	Stabblers.	Timbermen.	Trackmen.	All others underground.	Total underground.	Blacksmith.	Carpenters.	Hoisting.	Other.	Engineers.	Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents.	Stabblers—top.	Watchmen.	Weighmen.	Office employees at mine.	Others on surface.	Total on surface.		
6				3	3	12	108	1		3	1	3		1	1	58	1	1	3	3	2	8	20	128	<i>S-1</i>
	2			31	41	150	390	4	1	4			1	2	1	3	49	1		3	6	49	133	523	<i>S-2</i>
	1	3		22	53	135	402	4	1	4			1	3	1	3	49	1		3	39	116	518	518	<i>S-3</i>
40	2	1		40	43	102	392	4	1	4			5	5	64	1		3	3	7	52	149	541	<i>S-4</i>	
		6		19	34	93	277	6	1	4			3	1	51	1		3	2	8	30	111	388	<i>S-5</i>	
		4	1	4	3	12	222	2	1	3		3		1	5	1		1	1	3	7	28	250	<i>S-6</i>	
46	3	16	1	119	177	504	1,791	21	5	22	1	9	8	13	227	6	1	13	12	34	185	557	2,348		
2		3	1	3	10	19	279	1	2	3			1		1	1			1	6	12	28	307	<i>S-1</i>	
2		1	1	10	8	7	56	2	2	3	1		1		6	1			1	5	9	31	87	<i>S-2</i>	
4		3	1	9	9	10	361	1	2	3		1	1					1	2	13	24	385	<i>S-3</i>		
3		2	1	8	12	15	403	1	3	2	1	1	1		2			1	2	3	8	25	428	<i>S-4</i>	
		2	1	34	24	104	351	2	1	4	1		1	1	21	1	1	1	1	5	7	47	398	<i>S-5</i>	
27		2	1	25	38	77	311	2		4		2	1	1	14	1		1	2	6	33	67	378	<i>S-6</i>	
		2	1	13	34	170	317	2	1	4		3	1	1	23	1	1	1	2	6	18	64	381	<i>S-7</i>	
38		15	7	102	135	402	2,078	11	11	23	3	7	7	3	67	5	2	4	10	33	100	286	2,364		
											5		1		14	1					12	33	33	<i>S-1</i>	
		1	1	4	3	112	257	1	1	4		1	1		1	1	1	1	1	8	8	28	285	<i>S-1</i>	
7		5		80	65	110	1,120	2	1	5	1	4	1	3	6	1					45	75	1,195	<i>S-1</i>	
		2	1	54	45	180	459	4	1	4	1	4	3	2	8	1	1	2	2	7	57	97	556	<i>S-2</i>	
										6			1		5	1					22	35	35	<i>S-3</i>	
				2	1	1	59	1		1					1			1	1		2	7	66	<i>S-4</i>	
							15			1									1		2	17	23	<i>S-5</i>	
											3				6	2		2		1	9	23	23	<i>S-6</i>	
7		7	1	136	111	291	1,653	7	2	17	5	8	5	5	25	6	1	5	4	14	135	239	1,892		
9		1		10	18	80	202	2	3	3		4	2		7	1			2	4	21	49	251	<i>S-1</i>	
35				23	28	104	341	3	2	4	1	5	1	2	43			1	2	3	54	121	462	<i>S-2</i>	
		4	2	5	5	16	169	2	2	3			1	5	18				2	1	7	41	210	<i>S-3</i>	
				3	4	3	126	2	1	3		3	1			1			1	3	5	20	146	<i>S-4</i>	
				2	1	26	36	1		1						1			1		2	6	42	<i>S-5</i>	
		3		57	69	159	444	1	1	4		6	1		24			2	1		30	70	514	<i>S-6</i>	
		3		27	51	152	400	2	1	4		7	1		28			2	1		23	69	469	<i>S-7</i>	
		3		18	44	172	392	2		4		8	1		30			2	1		68	460	<i>S-8</i>		
		3		75	89	174	535	3	1	4		8	1		35			2	1		27	82	617	<i>S-9</i>	
				2	3	4	121	1	2	1	2				1	1		1	2	1	2	13	*134	<i>S-10</i>	
				3	3	3	121	1	1	1	2	2				1		1	1	2	4	16	*137	<i>S-10</i>	
44		17	2	222	312	890	2,766	19	12	31	3	43	9	7	185	4		11	12	13	192	541	3,367		

TABLE 9—

Mine index number.	Name of operator.	Post office of mine.	Underground.												
			Brattice men.	Cagers.	Drivers.	Electricians and helpers.	Mechanical loading machine operators.	Mine examiners.	Mine managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners.	Pumpmen and pipemen.
MONTGOMERY COUNTY—SIXTH DISTRICT.															
7-1	Hillsboro Mining Co.....	Hillsboro.....	---	2	12	1	---	2	1	60	---	6	7	---	---
7-2	Indiana & Illinois Coal Corp., No. 10.....	Nokomis.....	6	3	---	24	23	3	4	---	---	39	7	7	---
7-3	Nokomis Coal Co.....	Nokomis.....	2	2	---	11	12	1	7	---	---	24	8	8	---
Total.....			8	7	12	36	35	6	12	60	---	69	22	15	---
BOND COUNTY—SEVENTH DISTRICT.															
7-1	Illinois Pocahontas Coal Co., "A".....	Pocahontas.....	1	1	8	2	---	1	2	65	---	2	6	6	---
MADISON COUNTY—SEVENTH DISTRICT.															
7-1	Burn Well Coal Co.....	Collinsville.....	---	1	6	---	---	---	1	36	---	---	2	2	---
7-2	Chicopee Coal Co.....	Troy.....	1	1	7	1	---	1	2	63	---	3	4	4	---
7-3	Livingston Mt. Olive Coal Co., No. 1.....	Livingston.....	---	1	---	3	---	1	1	128	---	13	7	14	---
7-4	Lumaghi Coal Co., No. 2.....	Collinsville.....	2	1	---	13	9	2	8	87	---	29	14	13	---
7-5	Madison County Coal & Mining Co.....	Edwardsville.....	1	1	---	2	21	2	6	8	---	24	7	7	---
7-6	Mt. Olive & Staunton Coal Co., No. 2.....	Staunton.....	1	2	30	24	34	3	11	---	---	39	17	15	---
Total.....			5	7	43	43	64	9	29	322	---	108	51	55	---
MARION COUNTY—SEVENTH DISTRICT.															
7-1	Marion County Coal Co.....	Centralia.....	2	2	13	10	15	2	4	6	---	14	9	10	---
CLINTON COUNTY—EIGHTH DISTRICT.															
7-1	Beckemeyer Coal Co.....	Beckemeyer.....	---	2	5	1	---	2	1	---	61	2	4	4	---
7-2	Citizens Coal Co.....	Breese.....	---	2	5	1	---	1	1	73	---	2	4	4	---
Total.....			---	4	10	2	---	3	2	73	61	4	8	8	---
ST. CLAIR COUNTY—EIGHTH DISTRICT.															
1-52	Freeburg Coal Co.....	Freeburg.....	---	---	---	---	---	1	---	---	8	---	---	---	---
7-3	Golden Rule Coal Co.....	Lenzburg.....	---	2	4	---	---	1	1	---	25	1	---	---	---
7-4	Groom Coal Co.....	Belleville.....	---	2	7	2	5	1	1	16	---	2	4	4	---
7-5	Gundlach Coal Co.....	East St. Louis.....	---	---	16	4	4	1	3	---	---	6	7	7	3
7-6	Lenzburg Coal Co.....	Lenzburg.....	---	1	2	---	---	1	1	---	30	1	---	---	---
7-7	Mulberry Hill Coal Co.....	Freeburg.....	---	2	8	1	4	1	3	19	---	3	2	2	---
7-8	Marissa Coal Co., OK.....	Marissa.....	---	1	2	---	---	1	1	---	18	1	---	---	---
7-10	Perry Coal Co., St. Ellen.....	O'Fallon.....	2	2	---	13	10	2	4	---	---	38	10	10	---
7-11	Prairie Coal Co.....	Belleville.....	---	2	10	---	---	1	2	---	110	3	---	---	---
7-13	St. Louis & O'Fallon Coal Co., No. 2.....	East St. Louis.....	1	2	---	16	20	2	11	---	---	37	6	6	---
7-14	Service Coal Mining Co.....	Belleville.....	---	1	4	---	---	1	1	---	39	1	---	---	---
7-17	Southern Coal, Coke & Mining Co., No. 7.....	Belleville.....	4	2	12	3	12	1	4	---	---	3	---	---	---
7-18	United Electric Coal Cos., No. 13.....	Freeburg.....	---	---	---	---	---	---	---	---	---	---	---	---	---
7-19	Vinegar Hill Coal Co.....	Lenzburg.....	---	2	5	---	---	1	1	---	---	1	---	---	---
7-20	White Coal Co.....	Belleville.....	1	2	5	1	3	1	2	6	---	2	3	3	---
7-21	Mascoutah Coal & Mining Co.....	Mascoutah.....	---	1	2	---	---	1	1	---	23	1	---	---	---
Total.....			8	22	78	40	58	17	36	41	253	100	32	32	3
JACKSON COUNTY—NINTH DISTRICT.															
7-1	Truax-Traer Coal Co., No. 2.....	Flkville.....	---	---	---	---	---	---	---	---	---	---	---	---	---
7-2	Union Colliery Co., Kathleen.....	Dowell.....	5	2	---	40	48	5	22	132	---	82	23	23	6
Total.....			5	2	---	40	48	5	22	132	---	82	23	23	6

Continued.

Underground.										On surface.												Total—all employees.	Mine index number.		
Shot fires and drillers.	Shot fires' runners.	Spraggers.	Stablemen.	Timbermen.	Trackmen.	All others underground.	Total underground.	Blacksmith.	Carpenters.	Hoisting.	Engineers. Other.	Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents. Stablemen—top.	Watchmen.	Weighmen.	Office employees at mine.	Others on surface.	Total on surface.				
12	8	3	1	12	36	3	122	2	1	3		4	1	1	7	1	2	2	1	2	27	149	1		
8	6	6		36	36	105	307	2	4	3	1	1	1	2	42	20	1	2	3	28	91	398	2		
12	2	2		16	16	28	149	2	4	3		6	1	2	1	1	1	2	4	13	60	209	3		
32		11	1	64	52	136	578	7	9	9	2	11	3	5	69	3	2	1	6	8	43	178	756	1	
2	2	1	1	4	3		107	1	1	1	2	1	1		2	1		1	2	2	15	122	1	1	
				1	2	51	1	1	1	3				1		1	1	1	1	1	6	57	1	1	
	1	1		5	2	99	1	1	1	3				1		1		2	3	3	14	113	2	2	
30	1	5	1	2	9	4	185	2	2	2		3	1	1	1	1		2	3	6	208	3	3		
				23	34	12	284	8	1	3	1	5	1	2	26	1		2	1	29	86	370	4	4	
				13	10	38	140	1		1	2	1	1	2	8		1	1	6	4	23	163	5	5	
				20	44	136	377	4	2	4	1	14	1	6	21	1	1	1	5	36	98	475	6	6	
30	2	6	2	64	101	195	1,136	18	6	15	4	25	3	11	56	3	1	5	5	19	79	250	1,386	1	1
4		5	2	6	15	46	165	4	4	4		8	1		6			4	1	4	20	56	221	1	1
2				2	3	3	92	2	1	2		1	1				1	1	1		4	14	106	1	1
		1		2	2	2	100	1	1	3		2	1				1	1	1		4	14	114	2	2
2		1		4	5	5	192	3	2	5		3	2				1	2	2		8	28	220	1	1
						9				1									1		2	2	11	1	1
6				1	2	43	62			2		1			2			1				9	52	2	2
3		1		4	3	7	1	1	2	1		1		1	7	1	1	1	1	2	18	80	4	4	
2				7	7	35	102	1							14						6	22	124	5	5
6					2		44	1		1				1	1			1			7	34	49	6	6
8		1			4	1	59	1		1		1			1			1			3	19	78	7	7
1				1			27			2		1			1			1				7	34	8	8
10		3		20	26	106	256	2	3	3		2	2	2	23	1	1	1	2	21	66	322	10	10	
2				8	6	4	148	1		3		1	1		1		1	1			13	161	11	11	
8		10		9	28	126	256	10	2	3		6	1	1	16	1		3	1	9	52	334	13	13	
					2	6	58			3		3			1		1	1		2	8	64	14	14	
7		3	2	7	10	28	98	3	2	3		2	1	1	22	1		3	1	1	42	140	17	17	
						2	23	1		2	2	2	2	1	1			1	1	55	64	64	18	18	
8				3		5	12	1		1		2	1		3	1		1	2		7	30	19	19	
4				3	4	7	40	1		1		1			1	1		2	2		14	67	20	20	
										1		1				1				2	6	46	21	21	
65		16	5	63	100	334	1,302	26	6	27	3	19	11	5	98	6	1	5	13	20	114	354	1,656	1	1
		5		27	42	38	500	2	7	1	4		2	9	23	1	1	4	1	8	119	162	162	1	1
															47	1	1	3	1	9	44	131	631	2	2
		5		27	42	38	500	3	7	1	4	4	2	10	70	2	1	7	2	17	163	293	793	2	2

TABLE 9—

Mine index number.	Name of operator.	Post office of mine.	Underground.												
			Brattice men.	Cagers.	Drivers.	Electricians and helpers.	Mechanical loading machine operators.	Mine examiners.	Mine managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners.	Pumpmen and pipemen.
PERRY COUNTY—NINTH DISTRICT.															
S-2	Beaucoup Coal Co.	Pinckneyville	—	—	1	—	—	—	1	—	7	—	—	—	—
S-4	Pinckneyville Mining Co., No. 5	Pinckneyville	—	1	3	—	—	1	1	—	45	1	—	—	—
S-5	Conant Coal Co.	Conant	—	—	1	—	—	—	—	—	8	—	—	—	—
S-6	Peabody Coal Co., No. 14.	DuQuoin	2	2	1	25	16	4	12	50	—	27	14	14	1
S-8	Cutler Coal Co., Inc.	Cutler	—	1	5	1	—	1	1	56	1	1	4	4	—
S-9	Home Coal Co.	Tamaroa	—	1	4	—	—	2	1	—	35	—	—	—	—
S-10	Edgar Coal Co.	Tamaroa	—	1	2	—	—	1	1	—	15	—	—	—	—
S-11	New Galum Coal Corp.	Conant	—	—	4	—	—	—	1	—	29	—	—	—	—
S-12	Perfection Coal Co.	DuQuoin	—	—	—	—	—	—	—	—	—	—	—	—	—
S-13	Pyramid Coal Corp.	Pinckneyville	—	—	—	—	—	—	—	—	—	—	—	—	—
S-14	United Electric Coal Cos., No. 11.	DuQuoin	—	—	—	—	—	—	—	—	—	—	—	—	—
S-15	C. & R. Coal Co.	Cutler	1	2	5	—	—	1	2	—	75	2	—	—	1
S-16	Coulterville Coal Co.	Coulterville	—	2	5	1	—	1	1	54	—	2	3	3	—
Total			3	10	31	27	16	12	21	160	215	33	21	21	2
RANDOLPH COUNTY—NINTH DISTRICT.															
S-2	Crain Coal Co.	Percy	—	—	1	—	—	1	—	—	—	—	1	1	—
S-3	Ill Mo Coal Co.	Sparta	—	—	3	1	1	—	1	—	—	2	1	1	—
S-5	Moffat Coal Co., No. 1.	Sparta	1	3	10	14	8	2	9	—	—	33	14	14	3
S-6	St. Louis Coal Co., Florida	Coulterville	1	1	18	—	12	1	4	8	14	4	8	8	—
S-7	Southwestern Illinois Coal Corp.	Percy	—	—	—	—	—	—	—	—	—	—	—	—	—
S-15	Moffat Coal Co., No. 2.	Sparta	1	3	12	3	6	1	7	—	—	—	6	6	—
Total			3	7	44	18	27	5	21	8	14	39	30	30	3
WASHINGTON COUNTY—NINTH DISTRICT.															
S-1	Centralia Coal Co., No. 5.	Centralia	1	1	—	12	13	1	9	48	—	37	6	7	—
S-2	Clarkson Coal & Mining Co.	Nashville	—	2	6	1	—	1	1	50	—	1	3	3	—
S-3	Bois Coal Co.	DuBois	—	1	5	—	—	—	1	—	32	—	—	—	—
Total			1	4	11	13	13	2	11	98	32	38	9	10	—
FRANKLIN COUNTY—TENTH DISTRICT.															
S-1	Bell & Zoller Coal & Mining Co., No. 1.	Zeigler	3	1	—	34	42	6	25	42	—	110	25	25	1
S-2	Bell & Zoller Coal & Mining Co., No. 2.	Zeigler	11	2	—	44	53	10	25	33	—	101	20	21	2
S-3	Chicago, Wilmington & Franklin Coal Co., No. 1.	Orient	3	4	—	4	32	6	17	—	—	63	15	15	1
S-4	Chicago, Wilmington & Franklin Coal Co., New Orient.	West Frankfort	8	2	—	18	68	18	39	—	—	106	26	26	—
S-6	Franklin County Coal Corp., No. 5.	Herrin	5	3	42	23	15	8	12	2	—	8	16	16	1
S-7	Franklin County Coal Corp., No. 7.	Royalton	4	2	—	22	10	8	12	7	—	74	17	17	—
S-8	Old Ben Coal Corp., No. 8.	West Frankfort	1	2	—	16	10	8	13	32	—	72	24	24	—
S-9	Old Ben Coal Corp., No. 11.	Coello	2	2	—	8	7	4	12	—	—	35	6	6	—
S-10	Old Ben Coal Corp., No. 14.	Buckner	3	2	—	12	7	4	12	—	—	46	8	8	—
S-11	Old Ben Coal Corp., No. 15.	West Frankfort	3	2	—	10	10	3	13	53	—	58	18	18	—
S-12	Peabody Coal Co., No. 18.	West Frankfort	3	1	—	22	17	6	15	—	—	52	23	23	1
S-14	Valier Coal Co., No. 1.	Valier	9	2	—	50	26	11	22	—	—	110	26	26	2
Total			55	25	42	263	297	92	217	169	—	835	234	225	8

Continued.

Underground.								On surface.															
Shot firers and drillers.	Shot firers' runners.	Spraggers.	Stablemen.	Timbermen.	Trackmen.	All others underground.	Total underground.	Blacksmith.	Carpenters.	Engineers. Hoisting. Other.	Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents. Stablemen—top.	Watchmen.	Weighmen.	Office employees at mine.	Others on surface.	Total on surface.	Total—all employees.	Mine index number.	
2	1	1			1		11			1										1	2	13	2
2					1		56			3										2	7	63	4
2							10			1										3	13	5	
2					14	29	382	2	1	2	2	6	1	3	1	1	3	1	7	77	114	496	6
2					2	4	84	1		1		1			4	1	1	1	1	2	13	97	8
2						2	47			1											4	51	9
2						1	23			1					1		1	1			3	26	10
2							36	1		1	1									1	4	40	11
2								1		4		4								35	47	12	
2								12	1	1		12	12		67	2	7	2	5	249	369	369	13
2								4	1	2		4	7		2	1	1	4		220	249	249	14
2					1		94	1		2		1			2	1	2	1	2	14	108	15	
2					3		77			3		1			1	1	1	1	3	10	87	16	
14	3	6		16	42	167	820	22	3	21	10	13	20	22	83	7	2	12	10	592	839	1,659	
2						4	8			1										1	2	10	2
2						5	5			1										1	5	24	3
2						71	215	2	2	4	1	6	2	2	4		1	2	6	11	43	258	5
						8	56	2	2	3		3	2	4	12	1	1	3	27	60	218	7	
								1	1	2			4	1	3	1	1	2	86	107	107	7	
					5	6	19	75		3	1		1		3	1	2		13	21	96	15	
4			10	2	27	28	155	475	5	5	12	8	9	10	7	21	2	1	4	4	11	139	238
					14	15	173	2	2	1	3	5	1	1	19	1	1	1	4	14	55	228	
						3	73	1	1	2		3			2	1	2	1	1	15	88	2	
						2	39			1		1			1	1	1		1	6	45	3	
					14	18	10	285	3	3	4	3	9	1	1	22	3		1	4	5	17	76
20		1		52	80	60	527	5	5	5	4	4	2	4		1	1	4	1	2	54	92	619
16		4		52	76	30	500	5	4	6	4	4	1	13	28	6	2	1	10	141	225	725	
7				20	60	138	385	4		5	2	6	3	5	76	1	2	1	6	30	141	526	
12				58	80	239	700	8	2	6		4	6	8	118	1	4	1	14	78	250	950	
12				22	36	157	392	2	1	2	2	4	2	6	35	1	1	1	9	50	119	511	
9		2		17	36	99	336	2	2	4	1	6	3	16	29	1	2	1	10	77	154	490	
38		3		13	42	42	340	2	2	4	1	5	1		4		5	2	5	61	92	432	
24		2		12	50	92	262	2		5	1	4	1	7	5		6	2	2	33	68	330	
24		2		18	42	139	327	2		5	2	4	1	7	5		4	2	3	63	98	425	
34		2		23	50	54	351	2		5	1	4	1	5	4		5	2	2	61	92	443	
30		3		36	34	92	358	4	1	4		4	1	1	14	1	3	1	6	76	116	474	
64				39	36	84	507	3	4	4		3	2	6	8	1	3	1	3	34	72	579	
290		33		362	622	1,226	4,985	41	21	55	18	52	24	78	326	13	4	41	16	72	758	1,519	6,504

			Underground.												
Mine index number.	Name of operator.	Post office of mine.	Brattice men.	Cagers.	Drivers.	Electricians and helpers.	Mechanical loading machine operators.	Mine examiners.	Mine managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners.	Pumpmen and pipemen.
JEFFERSON COUNTY—TENTH DISTRICT.															
2-2	Consolidated Coal Co., No. 20.....	Nason.....	3	3	---	4	10	2	3	---	---	16	5	5	1
SALINE COUNTY—ELEVENTH DISTRICT.															
2-1	Bankston Creek Collieries, No. 6.....	Carrier Mills.....	---	---	---	2	12	3	3	---	---	18	6	6	2
2-3	Blue Bird Coal Co., No. 6.....	Carrier Mills.....	---	---	---	2	26	4	15	---	---	48	14	14	4
2-4	Peabody Coal Co., No. 43.....	Harrisburg.....	2	1	---	20	6	---	---	---	---	95	23	23	2
2-5	Peabody Coal Co., No. 47.....	Harco.....	10	1	---	22	16	6	15	60	---	37	11	11	1
2-6	Rex Coal Co., No. 2.....	Eldorado.....	2	1	---	13	8	2	6	63	---	32	13	13	3
2-7	Sahara Coal Co., No. 1.....	Harrisburg.....	4	2	11	8	---	4	8	324	---	32	13	13	3
2-9	Sahara Coal Co., No. 10.....	Eldorado.....	4	2	7	5	---	5	8	249	---	30	13	13	1
2-10	Wasson Coal Co., "A".....	Harrisburg.....	2	4	6	6	9	2	6	---	---	11	12	12	3
2-12	Wasson Coal Co., No. 1.....	Harrisburg.....	2	2	---	11	22	3	12	---	---	45	8	8	1
2-15	Bankston Creek Collieries, No. 4.....	Harrisburg.....	1	1	---	2	2	---	4	---	---	---	---	---	2
2-16	Bankston Creek Collieries, No. 5.....	Carrier Mills.....	3	1	---	5	22	2	11	---	---	22	22	22	1
	Total.....	-----	30	14	18	94	123	31	88	696	---	316	130	130	20
WHITE COUNTY—ELEVENTH DISTRICT.															
2-1	H. & H. Coal Co.....	Norris City.....	1	1	---	1	---	1	1	12	---	2	2	2	---
WILLIAMSON COUNTY—TWELFTH DISTRICT.															
2-1	*Marvel Coal Co.....	Pittsburg.....	---	2	3	1	---	1	1	60	---	1	3	3	1
2-11	*M. & S. Coal Co.....	Pittsburg.....	---	1	5	1	---	1	1	62	---	2	---	6	1
2-13	Consolidated Coal Co., New Monarch.....	Herrin.....	2	2	---	9	8	2	6	---	---	32	8	9	3
2-14	Delta Coal Mining Co.....	Marion.....	---	---	---	---	---	---	---	---	---	---	---	---	---
2-17	Forsyth Cartersville Coal Co.....	Cartersville.....	---	---	---	---	---	---	---	---	---	---	---	---	---
2-18	Freeman Coal Mining Co.....	Herrin.....	2	2	7	3	14	2	3	74	---	22	8	8	1
2-19	McLaren Coal Co., No. 1.....	Cartersville.....	---	---	---	---	---	---	---	---	---	---	---	---	---
2-17	Seymour Coal Mining Co.....	Herrin.....	2	4	3	11	12	1	7	50	---	36	8	8	4
2-19	Wallace Coal Co.....	Marion.....	---	2	10	---	3	1	2	8	---	4	3	3	1
2-20	Consolidated Coal Co., Buckhorn.....	Herrin.....	1	---	---	4	9	2	2	---	---	6	4	4	2
2-21	Diamond Coal Co., No. 3.....	Herrin.....	---	---	---	---	---	1	---	---	---	---	---	---	---
2-50	Cox Coal Co.....	Marion.....	---	---	---	---	---	---	---	---	---	---	---	---	---
L-1	Peerless Coal Co.....	Cambria.....	---	1	2	---	---	1	1	15	---	---	1	1	---
L-5	Spillertown Coal Co.....	Marion.....	---	1	4	1	---	1	---	2	20	---	---	---	---
	Total.....	-----	7	13	30	29	46	12	22	209	20	101	35	37	12
	Grand total.....	-----	227	201	700	959	1,105	282	743	4,283	2,024	2,649	865	857	68

Concluded.

Underground.										On surface.																
Shot firers and drillers.	Shot firers, runners.	Spriggers.	Stablenen.	Timbermen.	Trackmen.	All others underground.	Total underground.	Blacksmith.	Carpenters.	Hoisting.	Engi- neers.	Other.	Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents.	Stablenen-top.	Watchmen.	Weighmen.	Office employees at mine.	Others on surface.	Total on surface.	Total—all employees.	Mine index number.	
5	3			7	2	18	87		3	4	2		4	1	2		19			1	2	2	19	59	146	S-2
						40	92	2									1						132	137	137	S-1
						90	261	1	2								8					17	38	130	S-3	
10		3		7	13	144	482	4	1	4			4	1	1		14	1		3	1	5	28	60	321	S-4
4		1		18	15	52	245	2	4	1	2		6	1	5		5	1		2	3	7	77	118	600	S-5
4		4		7	21	16	474	2	6	3			3	1	1		8	1	1	3	1	1	22	53	527	S-6
3		4	1	6	18	14	383	1	4	3			3	1	2		9	1		2	1	2	18	47	430	S-7
		10		21	4	34	136	1	4		3	3	6	2			32			1	1	1	25	75	211	S-11
		5		15	18	74	226	4	4	3	1	6	1				18			1	1	1	25	65	291	S-12
				2		10	45										1			1			4	5	50	S-15
22						60	171										1						8	9	180	S-16
43	30	1	98	119		534	2,515	20	26	18	9	34	10	11		119	9	2	17	8	23	374	680	3,195		
1					1		25	1		2			3	1			2			1	1			11	36	S-2
2				1	2		81	1		4			1				3		1	1	1			12	*93	S-1
							83	1		2			2				1			1	1		5	16	*95	S-1
2	1			11	12	103	210	2	2	4	2		4	1	2		39	1	1	1	2	5	30	95	305	S-3
									1								12	1		2		2	64	94	94	S-4
																	3	1		1		1	21	29	29	S-7
10		2		8	12	6	184	2	2	4							16	1	1	1	2	6	36	220	S-9	
													8				10	1		1		1	29	57	57	S-13
3	2			9	27	45	232	1		4			2				32	1	1	1	4	4	31	84	316	S-17
2			1	3	3		46	1	1	1							8	1	1				1	16	62	S-19
4				2	1	13	54			2							14			2	1		7	29	83	S-20
2						4	7			1							1							2	9	S-21
				1	1		26			1					1								18	24	24	S-20
							30	1		1										1	1			2	28	L-1
27		5	1	35	59	171	871	9	6	20		19	11	7	14		140	8	4	10	12	16	210	487	1,358	
663	10	199	32	1,428	1,999	5,387	24,681	260	143	308		206	287	166	22		1,722	98	25	181	146	389	4,200	8,353	33,034	

TABLE 10—OUTPUT OF SHIPPING MINES BY MONTHS—1934-1939.

Month.	1934	1935	1936	1937	1938	1939
January.....	4,106,319	4,779,807	5,195,718	5,305,782	4,286,099	4,576,797
February.....	3,917,258	4,315,606	5,338,183	5,391,588	3,493,826	4,468,960
March.....	4,234,877	4,818,273	3,730,409	6,488,787	2,890,527	4,133,034
April.....	2,342,935	1,904,042	3,015,473	1,968,898	2,265,105	3,528,418
May.....	2,112,730	2,430,891	2,349,044	2,085,197	2,027,065	2,352,303
June.....	2,125,718	2,913,961	2,592,448	2,490,421	2,229,914	1,790,162
July.....	2,274,176	1,860,593	2,935,184	2,737,338	2,313,349	2,244,302
August.....	2,755,409	2,292,631	3,258,442	3,007,656	2,841,415	3,004,719
September.....	3,129,010	2,758,627	3,553,350	4,076,821	3,461,199	3,555,234
October.....	3,622,931	4,566,074	4,787,407	4,685,330	3,747,041	4,614,719
November.....	3,501,698	3,968,945	4,742,935	4,560,609	4,139,842	4,293,966
December.....	4,442,466	4,799,964	5,736,994	5,263,649	4,747,477	4,431,493
Total.....	38,655,527	41,410,414	47,285,587	48,062,076	38,442,859	42,994,107

TABLE 11—NUMBER OF MINES OPERATED AND AVERAGE DAYS WORKED EACH MONTH—1934-1939.

Month.	1934		1935		1936		1937		1938		1939	
	Mines.	Days.	Mines.	Days.	Mines.	Days.	Mines.	Days.	Mines.	Days.	Mines.	Days.
January.....	152	18	166	10	152	22	162	19	143	16	138	17
February.....	152	17	167	17	152	21	158	19	142	13	136	17
March.....	153	17	167	17	155	14	155	22	141	11	136	16
April.....	139	10	125	10	132	14	117	9	118	11	123	13
May.....	125	10	121	11	117	10	102	9	102	10	116	10
June.....	116	11	129	12	119	11	109	11	102	11	82	10
July.....	119	12	114	10	125	12	111	12	103	11	89	11
August.....	135	13	130	10	128	14	121	12	112	13	105	13
September.....	154	15	153	13	144	15	138	16	125	15	120	15
October.....	163	15	161	18	155	18	149	17	133	15	129	19
November.....	161	16	162	16	159	18	153	17	135	16	131	17
December.....	158	19	162	18	164	20	154	19	139	18	128	18
Total and average..	172	a 147	182	a 147	176	a 153	168	a 152	149	a 135	146	a 148

a Average.

TABLE 12.—SHIPPING MINES—NUMBER OPERATED, TONS PRODUCED, AVERAGE DAYS WORKED, AND NUMBER EMPLOYED
IN 1939 AND 1938, AND LOSS OR GAIN BY COUNTIES.

County.	1939				1938				Gain (+) or loss (—)				Per cent of gain (+) or loss (—)			
	Mines operated.	Tons produced.	Average days worked.	Men employed.	Mines operated.	Tons produced.	Average days worked.	Men employed.	Mines.	Tons.	Days.	Men.	Mines.	Tons.	Days.	Men.
Bond.....	1	103,583	154	122	1	71,725	114	116	—	+31,858	+40	+6	—	+44.4	+35.1	+5.2
Bureau.....	1	45,767	101	239	1	45,743	107	229	—	+24	—	—	—	+5	—	—
Christian.....	6	4,160,900	139	2,348	6	3,694,142	129	2,357	—	+466,758	+10	+4	—	+12.6	+7.8	+4.4
Clinton.....	2	100,771	111	220	3	128,222	83	479	—	—	+28	—	—	—	—	—
Edgar.....	1	71,084	93	33	1	53,210	75	31	—	+17,874	+18	+2	—	—	—	—
Franklin.....	12	8,653,916	140	6,504	12	7,873,999	128	6,611	—	+779,917	+12	+6	—	+33.6	+24.0	+6.6
Fulton.....	10	3,408,049	205	910	10	2,660,132	178	942	—	+747,917	+27	+32	—	+9.9	+9.4	+1.6
Henry.....	2	635,946	192	254	2	604,183	215	303	—	+31,763	+23	+49	—	+28.1	+15.2	+3.4
Jackson.....	2	1,635,173	177	793	2	1,212,657	133	777	—	+422,516	+44	+16	—	+3.6	+0.7	+0.2
Jackson.....	1	120,077	272	146	—	—	—	—	+1	+120,077	+272	+146	—	+34.8	+33.1	+2.1
Knox.....	5	602,912	249	107	—	—	—	—	—	+103,003	+51	+8	—	+20.7	+25.8	+8.1
LaSalle.....	5	318,583	154	387	5	300,492	141	382	—	+18,361	+13	+5	—	+6.1	+9.2	+1.9
Macon.....	1	89,846	146	285	1	222,328	155	251	—	+32,482	+9	+4	—	+26.6	+5.8	+1.4
Macoupin.....	10	3,435,015	178	3,307	10	3,292,323	173	3,355	—	+42,692	+5	—	—	+4.3	+2.2	—
Madison.....	6	1,944,376	173	1,386	1	1,036,735	124	1,462	—	+907,641	+49	+76	—	+49.0	+39.3	+5.2
Marion.....	3	752,630	183	221	2	1,036,735	80	353	—	+1,036,735	+103	+164	—	+2.3	+128.8	+2.9
Montgomery.....	2	728,008	121	756	2	634,963	106	778	—	+88,045	+13	+22	—	+13.9	+14.2	+2.8
Peoria.....	13	3,134,252	148	1,939	14	2,943,049	117	1,940	—	+18,353	+13	+4	—	+6.3	+17.8	+1.4
Perry.....	6	1,235,749	154	713	5	1,076,210	147	1,700	—	+159,634	+22	+41	—	+14.8	+14.8	+10.2
Saline.....	11	3,622,334	172	2,189	17	3,105,634	145	3,577	+1	+516,701	+27	+69	—	+16.5	+19.6	+8.6
Sangamon.....	7	1,789,397	125	2,364	17	1,699,789	147	2,369	—	+89,608	+27	+382	—	+5.1	+12.9	+1.6
St. Clair.....	16	1,486,217	127	1,698	16	1,066,511	133	1,172	—	+419,706	+27	+232	—	+29.1	+12.9	+8.6
Tazewell.....	6	1,611,432	145	1,892	5	1,250,336	123	1,971	—	+361,096	+12	+44	—	+30.7	+78.9	+25.6
Vermilion.....	2	253,934	105	36	3	258,093	133	367	+1	+352,952	+12	+79	—	+28.7	+29.1	+1.6
Washington.....	3	1,145,003	93	36	1	1,259,018	270	465	—	+109,115	—	—	—	+3.7	+2.6	+0.3
White.....	1	1,952,956	117	1,358	13	1,787,100	105	1,655	—	+171,115	+12	+297	—	+8.6	+11.4	+7.9
Williamson.....	13	1,952,956	117	1,358	13	1,787,100	105	1,655	—	+171,115	+12	+297	—	+8.6	+11.4	+7.9
Woodford.....	1	41,071	121	171	2	56,168	88	292	—	+14,497	+33	+121	—	+23.8	+37.5	+11.4
Total.....	146	42,994,407	148	33,034	149	38,442,859	135	35,247	—3	+4,551,248	+13	+2,213	—	+11.8	+9.6	+6.6

TABLE 13—RELATIVE RANK OF COUNTIES PRODUCING 500,000 TONS OR MORE, 1935 TO 1939 INCLUSIVE.

County.	1939		1938		1937		1936		1935	
	Rank.	Tons.	Rank.	Tons.	Rank.	Tons.	Rank.	Tons.	Rank.	Tons.
Franklin.....	1	8,653,916	1	7,873,999	1	10,108,267	1	9,432,140	1	7,985,155
Christian.....	2	4,171,948	2	3,704,690	2	4,743,598	2	4,488,242	2	3,910,364
Fulton.....	3	3,827,569	5	2,975,404	6	2,976,168	8	2,414,701	10	1,926,313
Saline.....	4	3,672,624	4	3,148,078	5	3,460,130	4	3,670,516	5	3,146,340
Macoupin.....	5	3,441,562	3	3,301,013	4	3,515,265	3	4,249,803	3	3,677,929
Perry.....	6	3,172,299	6	2,975,088	3	3,847,463	5	3,398,480	4	3,307,806
St. Clair.....	7	2,457,296	7	2,274,746	9	2,009,768	9	2,280,493	8	2,019,250
Williamson.....	8	2,455,496	8	2,159,324	7	2,394,266	7	2,641,243	6	2,760,767
Sangamon.....	9	2,067,306	9	1,916,707	8	2,338,696	6	2,673,638	7	2,335,381
Vermilion.....	10	1,941,196	10	1,584,437	10	1,883,472	10	1,976,645	9	1,998,000
Madison.....	11	1,877,060	11	1,371,709	14	1,295,392	12	1,472,041	11	1,374,790
Jackson.....	12	1,747,917	13	1,322,986	11	1,599,078	11	1,767,398	12	1,271,128
Randolph.....	13	1,272,614	15	1,115,662	12	1,337,086	17	558,437	17	522,885
Will.....	14	1,226,826	12	1,323,386	13	1,318,001	13	1,414,944	14	1,000,811
Peoria.....	15	1,180,653	14	1,246,036	15	1,112,036	14	1,316,173	13	1,222,500
Knox.....	16	779,409	17	653,353	17	772,261	16	580,719	15	559,346
Henry.....	17	743,347	16	681,911	18	622,255	15	600,496	16	540,929
Montgomery.....	18	723,008	18	634,963	16	928,598	15			

TABLE 14—TONS OF COAL PRODUCED, AVERAGE DAYS WORKED, NUMBER OF MINES OPERATED, AND NUMBER OF EMPLOYEES IN ALL SHIPPING MINES, AND ALSO IN STRIP MINES, WITH PERCENTAGES BY YEARS FROM 1920 TO 1939.

Years.	All shipping mines.				Strip mines.				Percentage of strip mines.		
	Number of—		Average days worked.	Tons produced.	Number of—		Average days worked.	Tons produced.			
	Mines.	Men.			Mines.	Men.					
1920.....	373	85,037	176	72,409,610	3	217	149	367,009	0.08	0.25	0.57
1921.....	389	92,080	174	78,339,082	3	242	183	437,006	0.08	0.26	0.56
1922.....	352	93,681	127	61,406,093	5	446	134	533,923	1.42	0.48	0.87
1923.....	374	99,081	146	73,410,837	6	412	180	895,608	1.60	0.42	1.22
1924.....	338	85,499	139	70,324,363	11	611	155	1,184,288	3.25	0.64	1.68
1925*.....	255	77,629	231	100,012,299	18	1,181	264	4,722,597	7.06	1.52	4.72
1926.....	244	73,497	155	67,836,441	16	1,203	176	3,482,611	6.56	1.64	5.13
1927.....	241	74,117	112	44,926,433	15	1,139	138	2,756,410	6.22	1.54	6.14
1928.....	206	61,154	152	54,284,184	14	1,149	206	4,113,908	6.80	1.88	7.58
1929.....	200	54,721	162	59,075,995	17	1,518	176	5,250,501	8.50	2.77	8.89
1930.....	185	51,215	145	51,996,608	15	1,519	181	6,220,336	8.11	2.97	11.96
1931.....	167	47,024	130	43,073,058	15	1,591	164	6,576,677	8.92	3.38	15.27
1932.....	162	44,078	107	31,402,399	17	1,769	163	6,628,228	10.50	4.00	21.11
1933.....	159	40,660	131	35,390,677	20	1,890	131	5,599,006	12.58	4.65	15.82
1934.....	172	40,943	147	38,655,527	26	2,042	134	6,008,218	15.12	4.99	15.54
1935.....	182	40,496	147	41,410,414	28	2,338	148	7,088,104	15.38	5.77	17.12
1936.....	176	40,011	153	47,285,587	30	2,803	141	8,873,229	17.04	7.00	18.76
1937.....	168	38,553	152	48,062,076	30	3,133	152	11,176,074	17.85	8.12	23.25
1938.....	149	35,247	135	38,442,859	25	2,881	153	10,058,999	16.77	8.17	26.16
1939.....	146	33,034	148	42,994,107	26	2,854	170	11,295,547	17.80	8.63	26.27

* From July 1, 1924 to December 31, 1925.

TABLE 15—SHIPPING MINES DIVIDING WORKING TIME.

Name of operator.	County in which mine is located.	Employees.		Tons mined.	Days worked.
		Working.	On pay roll.		
Consolidated Coal Co., Jefferson No. 20.....	Jefferson.....	122	146	120,077	272
Consolidated Coal Co., New Monarch.....	Williamson.....	288	305	302,307	116
Consolidated Coal Co., No. 7.....	Macoupin.....	200	251	472,308	186
Consolidated Coal Co., No. 15.....	Macoupin.....	326	462	390,803	126
Franklin County Coal Corp., No. 5.....	Franklin.....	446	511	535,786	156
Freeman Coal Mining Co.....	Williamson.....	146	220	54,859	59
Gillespie Coal Co.....	Macoupin.....	178	210	193,343	161
Groom Coal Co.....	St. Clair.....	54	80	40,750	100
Hillsboro Mining Co.....	Montgomery.....	102	149	70,929	111
Ill-Mo Coal Co.....	Randolph.....	23	24	13,598	120
Indiana & Illinois Coal Corp., No. 10.....	Montgomery.....	315	398	82,782	32
Livingston-Mt. Olive Coal Co.....	Madison.....	195	208	200,047	220
Lutnaghi Coal Co., No. 2.....	Madison.....	294	370	376,429	159
Madison County Coal & Mining Co.....	Madison.....	134	163	207,529	190
Marion County Coal Co.....	Marion.....	137	221	182,030	183
Moffat Coal Co., No. 1.....	Randolph.....	115	258	151,086	150
Mt. Olive Coal Co.....	Macoupin.....	127	146	99,439	174
Mt. Olive & Staunton Coal Co., No. 2.....	Madison.....	402	475	675,947	240
Old Ben Coal Corp., No. 8.....	Franklin.....	415	432	547,953	132
Old Ben Coal Corp., No. 14.....	Franklin.....	405	425	545,744	144
Old Ben Coal Corp., No. 15.....	Franklin.....	434	443	550,737	141
Pana Coal Co.....	Christian.....	61	128	21,664	72
Panther Creek Mines, Inc., No. 5.....	Sangamon.....	308	428	306,890	248
Peabody Coal Co., No. 24.....	Vermilion.....	537	556	655,201	184
Peabody Coal Co., No. 47.....	Saline.....	536	600	551,957	145
Peabody Coal Co., No. 53.....	Sangamon.....	360	398	412,035	153
Peabody Coal Co., No. 57.....	Sangamon.....	339	378	353,598	145
Peabody Coal Co., No. 59.....	Sangamon.....	346	381	422,673	155
Perry Coal Co., St. Ellen.....	St. Clair.....	178	322	267,818	200
Peru Deep Vein Coal Co., No. 3.....	LaSalle.....	139	144	52,576	147
St. Louis & O'Fallon Coal Co., No. 2.....	St. Clair.....	204	334	386,991	243
Service Coal Mining Co.....	St. Clair.....	46	64	33,499	148
Seymour Coal Mining Co.....	Williamson.....	314	316	543,701	177
Spring Valley Coal Mining Co.....	Bureau.....	232	239	45,767	101
Superior Coal Co., No. 1.....	Macoupin.....	335	514	414,259	183
Superior Coal Co., No. 2.....	Macoupin.....	305	469	514,611	207
Superior Coal Co., No. 3.....	Macoupin.....	306	460	544,733	194
Superior Coal Co., No. 4.....	Macoupin.....	403	617	631,803	215
Truax-Traer Coal Co., No. 2.....	Jackson.....	145	162	560,078	150
United States Fuel Co., Bun.....	Vermilion.....	990	1,195	771,808	154
Wasson Coal Co., "A".....	Saline.....	126	211	121,781	154
Wasson Coal Co., No. 1.....	Saline.....	237	291	415,673	244
Total 1939—42 mines.....		11,305	14,104	13,843,599	a 162
Total 1938—45 mines.....		11,627	14,553	12,117,598	a 137

a Average.

TABLE 16.—GRADED OUTPUT OF SHIPPING MINES BY COUNTIES IN EACH DISTRICT, WITH DISTRICT TOTALS AND LOCAL MINES FOR THE STATE.

County.	Classification of output of mines in tons.										
	Lump.	Furnace.	Small egg.	Stove.	Chestnut.	Pea coal.	Carbon.	Screenings.	Mine run.	Waste and loss in preparing.	Total.
First District totals.....	197,368	229,458	336,469	69,261	132,893	146,364	54,825	797,917	172,019	26,895	2,163,469
Bureau.....	21,007	5,843	6,146	663	252	663	252	10,836	1,020	1,020	45,767
Henry.....	16,770	27,827	34,173	1,092	336,293	17,990	336,293	6,378	127,964	6,378	655,946
LaSalle.....	89,578	41,723	37,256	10,407	86,007	2,352	1,282	31,657	9,345	9,345	318,853
Will.....	69,813	154,065	272,014	19,696	121,394	143,349	35,301	12,398	12,398	10,152	1,142,903
Second District totals.....	76,694	18,675	2,579	5,481	3,870	209	130,844	699,511	766	766	938,629
Peoria.....	49,591	12,424	1,314	3,870	118,811	209	699,511	766	766	766	866,496
Tazewell.....	4,184	6,251	4,167	3,699	8,354	3,870	209	118,811	699,511	766	866,496
Woodford.....	22,919	6,251	4,167	3,699	8,354	3,870	209	118,811	699,511	766	866,496
Third District totals.....	338,124	742,768	580,328	218,913	46,219	250,605	99,415	1,089,763	36,975	7,851	*4,010,961
Fulton.....	170,839	635,980	580,328	218,913	46,219	224,353	78,513	1,409,247	35,806	7,851	3,408,049
Knox.....	167,285	106,788	580,328	218,913	46,219	224,353	78,513	1,409,247	35,806	7,851	3,408,049
Fourth District totals.....	752,379	1,103,529	1,002,267	223,048	13,064	25,283	10,311	2,509,410	271,002	10,566	5,920,859
Christian.....	408,550	790,810	868,230	1,684	158	1,331	165	1,855,050	233,195	1,727	4,160,000
Sangamon.....	343,829	312,719	134,037	221,364	12,906	23,952	10,146	654,360	37,807	8,839	1,739,959
Fifth District totals.....	265,996	232,973	99,329	11,667	18,901	197,225	6,028	484,682	451,754	3,902	1,772,517
Edgar.....	1,140	3,911	32,664	6,819	28,424	4,945	4,945	28,424	4,945	4,945	71,084
Macon.....	44,903	12,882	4,644	6,819	20,568	20,568	20,568	20,568	4,945	4,945	89,846
Vermilion.....	219,953	216,180	62,021	11,667	12,082	197,225	6,028	436,680	446,800	3,902	1,611,587
Sixth District totals.....	2,027,533	447,386	111,685	46,606	47,100	43,353	89,231	970,584	272,522	102,023	4,158,023
Macoupin.....	1,911,135	330,245	32,267	34,500	28,398	43,353	88,671	638,004	243,554	64,888	3,435,015
Montgomery.....	116,398	117,141	79,418	12,100	18,702	43,353	560	312,580	28,968	37,135	723,008

Seventh District totals.....	221,845	357,488	209,664	40,065	11,730	34,138	50,401	765,824	57,349	71,465	1,829,989
Bond.....	22,613	36,592	4,895	---	---	---	---	39,483	---	---	103,583
Madison.....	177,887	305,889	177,306	40,085	11,730	34,138	50,401	680,727	42,810	53,423	1,544,376
Marion.....	21,945	25,027	27,463	---	---	---	---	75,614	14,539	18,042	182,030
Eighth District totals.....	256,904	218,274	113,113	63,707	6,580	222,198	14,880	522,856	135,889	31,587	1,585,988
Clinton.....	39,389	1,454	8,810	2,700	---	285	---	36,781	8,560	2,762	100,771
St. Clair.....	217,515	216,820	104,303	61,007	6,580	221,913	14,880	486,075	127,299	28,825	1,455,217
Ninth District totals.....	570,509	927,755	1,086,733	144,006	43,944	253,959	112,041	2,112,033	941,159	64,686	6,256,825
Jackson.....	142,471	240,376	248,463	29,133	16,342	16,206	22,053	791,058	91,234	37,837	1,635,173
Perry.....	357,746	432,310	661,022	68,116	11,568	229,879	31,301	890,859	479,722	1,639	3,134,262
Randolph.....	47,163	243,829	177,248	39,094	16,084	7,393	53,527	405,834	220,876	24,761	1,235,749
Washington.....	23,129	11,240	---	7,663	---	481	5,070	54,282	149,327	459	251,651
Tenth District totals.....	819,517	1,406,762	725,604	477,616	158,560	51,446	1,067,029	3,448,194	274,500	344,765	8,773,993
Franklin.....	814,863	1,377,274	723,904	475,326	158,560	51,446	1,066,150	3,377,518	270,558	333,317	8,653,916
Jefferson.....	4,654	29,488	1,700	2,290	---	---	879	70,676	3,942	6,448	120,077
Eleventh District totals.....	227,929	398,893	430,219	145,511	46,739	36,968	145,123	1,224,012	913,001	66,123	3,624,598
Saline.....	227,250	398,441	430,299	145,059	46,739	36,968	145,123	1,223,331	913,001	66,23	3,622,334
White.....	679	452	---	452	---	---	---	681	---	---	2,264
Twelfth District totals.....	146,255	252,714	229,953	33,936	34,432	22,747	162,096	732,144	330,820	13,159	1,958,256
Williamson.....	146,255	252,714	229,953	33,936	34,432	22,747	162,096	732,144	330,820	13,159	1,958,256
Shipping mines.....	5,901,053	6,346,675	4,918,023	1,479,837	560,162	1,288,156	1,811,589	15,388,263	4,556,501	743,848	42,994,107
L cal mines.....	---	---	---	---	---	---	---	4,528,895	4,528,895	104,452	4,633,347
The State.....	5,901,053	6,346,675	4,918,023	1,479,837	560,162	1,288,156	1,811,589	15,388,263	9,085,396	848,300	47,627,454

* This includes classification of one mine as follows: Mine run, 1,169 tons; 6×4 , 33,297 tons; 6×2 , 22,235 tons; 4×2 , 75,517 tons; $4 \times 1\frac{1}{2}$, 36,236 tons; $2 \times 1\frac{1}{2}$, 36,155 tons; 2' screenings, 16,404; $1\frac{1}{2} \times \frac{3}{4}$, 5,431 tons; $1\frac{1}{2} \times \frac{1}{2}$ stoker, 20,164; $1\frac{1}{2}$ screenings, 230,830 tons; $\frac{3}{4} \times \frac{1}{2}$, 22,692 tons; $\frac{3}{4}$ screenings, 33,252; $\frac{1}{2}$ carbon, 45,038 tons; $2 \times \frac{1}{2}$, 45,638 tons; $2 \times \frac{1}{4}$, 721 tons; $6 \times \frac{3}{4}$, 3,439 tons.

TABLE 17.—DISPOSITION OF OUTPUT OF SHIPPING MINES BY COUNTIES IN EACH DISTRICT WITH DISTRICT TOTALS AND LOCAL MINES FOR THE STATE.

County.	Disposition of output—tons.							Total tons handled by railroads.	Tons disposed of locally.	Percentage of tons handled.	
	Total tons mined.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.	Tons consumed at the mine.	All coal not sold including waste.			By railroads.	Locally.
First District totals.	2,463,469	1,192,977	492,072	-----	434,596	18,864	24,960	1,685,049	478,420	77.9	22.1
Bureau.	45,767	1,021	-----	-----	40,879	2,847	1,020	1,020	44,746	2.2	97.8
Henry.	655,946	425,700	-----	-----	20,157	7,148	6,349	622,292	33,654	94.9	5.1
LaSalle.	318,533	83,288	1,893	-----	223,837	2,396	7,439	85,181	233,672	26.7	73.3
Will.	1,142,903	682,968	293,557	-----	149,723	6,473	10,152	976,555	166,348	85.4	14.6
Second District totals.	938,629	38,766	794,603	-----	98,079	3,415	3,766	833,369	105,260	88.8	11.2
Peoria.	866,496	28,957	792,024	-----	64,459	290	766	820,981	65,515	92.6	7.4
Tazewell.	10,462	-----	2,579	-----	7,883	-----	-----	2,579	7,883	24.7	75.3
Woodford.	41,671	9,809	-----	-----	25,737	3,125	3,000	9,809	31,862	23.5	76.5
Third District totals.	4,010,961	2,885,317	902,923	-----	187,487	24,783	10,451	3,788,240	222,721	94.4	5.6
Fulton.	3,408,049	2,415,887	769,441	-----	*187,487	24,783	10,451	3,185,328	*108,995	93.4	*3.2
Knox.	602,912	469,430	133,482	-----	-----	-----	-----	602,912	**113,726	100.0	**3.4
Fourth District totals.	5,920,859	4,696,143	779,580	6.079	385,570	33,420	11,067	5,431,802	439,057	92.6	7.4
Christian.	4,160,900	3,637,987	335,606	5.294	114,400	15,886	1,727	4,028,887	132,013	96.8	3.2
Sangamon.	1,759,959	998,156	433,074	7.85	281,170	16,534	9,340	1,452,915	307,044	82.6	17.4
Fifth District totals.	1,772,517	956,399	604,002	-----	193,305	12,792	6,019	1,560,401	212,116	88.0	12.0
Edgar.	71,084	36,087	33,379	-----	1,018	-----	-----	70,666	1,018	98.6	1.4
Macoupin.	89,846	5,463	-----	-----	82,265	2,178	-----	5,463	84,383	6.1	93.9
Vermilion.	1,611,987	914,249	570,623	-----	110,682	10,614	6,019	1,484,872	126,715	92.1	7.9
Sixth District totals.	4,158,023	851,567	2,786,575	10.478	237,783	166,966	104,654	3,648,620	509,403	87.7	12.3
Macoupin.	3,435,015	399,570	2,640,180	10.478	189,962	129,991	64,804	3,050,228	384,787	88.8	11.2
Montgomery.	723,008	451,997	146,395	-----	47,791	36,975	39,850	988,392	124,616	82.8	17.2

Seventh District totals.....	1,829,989	949,633	362,949	-----	389,496	64,382	63,529	1,312,582	517,407	71.7	28.3
Bond.....	103,583	41,584	24,518	-----	32,703	4,778	-----	66,102	37,481	63.8	36.2
Madison.....	1,544,376	823,327	309,790	-----	313,688	52,064	45,487	1,133,117	411,259	73.4	26.6
Marion.....	182,080	84,722	28,641	-----	43,105	7,520	18,942	113,383	68,607	62.3	37.7
Eighth District totals.....	1,585,988	491,065	332,516	9,295	696,588	37,712	18,842	832,846	753,142	52.5	47.5
Clinton.....	100,771	9,561	-----	-----	86,267	4,943	-----	9,561	91,210	9.5	90.5
St. Clair.....	1,485,217	481,474	332,516	9,295	610,321	32,769	18,842	823,285	661,932	55.4	44.6
Ninth District totals.....	6,256,825	3,975,020	1,749,557	25,166	378,389	64,539	64,154	5,749,743	507,082	91.9	8.1
Jackson.....	1,635,173	1,311,208	278,771	-----	3,044	1,580	40,370	1,589,979	45,194	97.2	2.8
Perry.....	3,134,252	1,833,304	964,018	21,076	284,320	29,475	1,159	2,819,298	314,934	90.0	10.0
Randolph.....	1,235,749	728,510	418,819	-----	49,605	16,848	21,966	1,147,329	88,430	92.8	7.2
Washington.....	251,651	101,998	87,949	4,090	41,420	16,635	459	1,193,137	58,514	76.7	23.3
Tenth District totals.....	8,773,993	5,913,017	2,283,226	-----	109,359	144,956	323,435	8,196,243	577,750	93.4	6.6
Franklin.....	8,653,916	5,877,667	2,228,000	-----	96,831	134,431	316,987	8,105,667	548,249	93.7	6.3
Jefferson.....	120,077	35,350	55,226	-----	12,528	10,525	6,448	90,576	29,501	75.4	24.6
Eleventh District totals.....	3,624,568	2,623,709	674,688	-----	139,323	51,557	135,321	3,298,397	326,201	91.0	9.0
Saline.....	3,622,334	2,623,356	674,688	-----	138,420	50,549	135,321	3,298,044	324,290	91.0	9.0
White.....	2,294	353	-----	-----	903	1,008	-----	353	1,911	15.6	84.4
Twelfth District totals.....	1,958,256	1,433,468	443,078	-----	37,759	31,016	12,935	1,876,546	81,710	95.8	4.2
Williamson.....	1,958,256	1,433,468	443,078	-----	37,759	31,016	12,935	1,876,546	81,710	95.8	4.2
Shipping mines.....	42,994,107	26,007,051	12,205,769	51,018	3,297,734	653,492	779,133	38,263,838	4,730,269	89.0	11.0
Local mines.....	4,633,347	-----	-----	-----	4,327,661	201,234	104,452	-----	4,633,347	-----	100.0
The State.....	47,627,454	26,007,051	12,205,769	51,018	7,625,395	854,636	883,585	38,263,838	9,363,616	80.3	19.7

* 108,995 tons shipped on barges.

** 113,726 tons sold to local trade.

TABLE 18.—Tons of Coal Mined for the Years 1930 to 1939 Inclusive, Arranged by Districts and by Counties, Alphabetically Within Each District.

	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Bureau County-----	13,324	10,973	16,632	18,268	31,851	59,688	68,017	70,527	60,016	57,771
Shipping mines-----	6,084					42,129	55,751	57,207	45,743	45,767
Local mines-----	7,240	10,973	16,632	18,268	31,851	17,559	12,266	13,320	14,273	12,004
Grundy County-----	101,776	32,564	68,791	127,167	138,455	130,907	162,388	169,528	124,626	128,870
Shipping mines-----	73,046						19,603	9,770		
Local mines-----	28,730	32,564	68,791	127,167	138,455	130,907	142,785	159,758	124,626	128,870
Henry County-----	504,761	775,956	745,982	744,313	664,858	682,502	607,565	728,938	681,911	743,347
Shipping mines-----	442,322	696,554	655,05	642,262	559,617	559,346	580,719	622,255	604,183	655,946
Local mines-----	62,439	79,402	90,927	102,051	105,241	123,156	116,846	106,683	77,728	87,401
Kankakee County-----	800									
Shipping mines-----										
Local mines-----	800									
LaSalle County-----	326,341	316,085	356,879	352,735	324,465	437,541	583,659	476,729	362,851	380,835
Shipping mines-----	155,795	170,324	132,155	198,200	130,807	247,263	317,371	399,532	300,492	318,853
Local mine-----	170,546	145,711	224,724	154,445	131,658	190,278	266,288	77,197	62,359	61,982
Livingston County-----	24,351	23,830	31,970	29,569	25,724	21,564	17,133	16,153	15,381	13,352
Shipping mines-----										
Local mines-----	24,351	23,830	31,970	29,569	25,724	21,564	17,133	16,153	15,381	13,352
Mercer County-----	23,744	21,796	32,403	41,154	40,354	34,294	36,946	27,925	21,38	26,947
Shipping min.s-----										
Local mine-----	23,744	21,796	32,403	41,154	40,354	34,294	36,946	27,925	21,338	26,947
Putnam County-----	2,873	13,387	194,555	68,953	80,913	81,124	64,198	45,879	25,600	
Shipping mines-----										
Local mines-----	2,873	13,387	194,555	68,953	80,913	81,124	64,198	45,879	25,600	

Rock Island County.....	17,345	34,774	47,775	67,887	78,298	74,226	62,137	45,261	30,380	25,012
Shipping mines.....										
Local mines.....	17,345	34,774	47,775	67,887	78,298	74,226	62,137	45,261	30,380	25,012
Will County.....	865,666	988,500	976,178	982,016	968,951	1,068,581	1,483,026	1,323,386	1,226,826	
Shipping mines.....	865,666	988,500	976,178	982,016	946,801	1,000,811	1,414,944	1,318,001	1,252,018	1,142,903
Local mine.....					22,150	67,770	68,082	75,076	71,368	83,923
First District totals.....	1,880,981	2,217,815	2,381,165	2,432,062	2,353,869	2,590,427	3,175,069	2,974,017	2,640,089	2,602,960
Shipping mines.....	1,542,913	1,808,765	1,897,943	1,891,521	1,777,138	1,930,673	2,452,586	2,452,644	2,202,436	2,103,409
Local mines.....	338,068	349,050	513,222	540,541	576,731	659,754	722,483	521,373	443,653	439,491
Marshall County.....	7,796	6,128	11,640	13,623	12,722	12,046	10,391	11,200	5,979	5,502
Shipping mines.....										
Local mines.....	7,796	6,128	11,640	13,623	12,722	12,046	10,391	11,200	5,979	5,502
Peoria County.....	967,745	1,214,567	749,358	1,443,261	1,536,550	1,532,648	1,652,228	1,485,717	1,246,036	1,180,663
Shipping mines.....	755,037	1,080,832	512,250	1,158,579	1,253,164	1,222,500	1,316,173	1,112,036	945,049	886,496
Local mines.....	192,678	183,735	236,108	284,682	283,386	310,148	336,055	373,681	300,987	294,157
Stark County.....	14,051	8,754	12,082	15,801	20,842	18,180	19,235	20,783	13,437	17,258
Shipping mines.....										
Local mines.....	14,051	8,754	12,082	15,801	20,842	18,180	19,235	20,783	13,437	17,258
Tazewell County.....	437,791	343,221	396,611	325,668	328,142	286,822	303,609	282,621	219,099	207,633
Shipping mines.....	337,662	251,344	273,664	219,069	212,515	140,819	165,841	126,007	78,560	10,462
Local mines.....	100,129	91,877	121,947	106,599	115,627	146,003	137,768	156,614	141,139	197,171
Woodford County.....	68,925	48,447	67,387	98,082	103,260	96,727	82,663	72,984	56,168	54,082
Shipping mines.....	68,925	48,447	67,387	98,082	103,260	96,727	82,663	72,984	56,168	41,671
Local mines.....										12,411
Second District totals.....	1,496,308	1,621,117	1,235,078	1,896,435	2,001,516	1,946,423	2,098,126	1,873,305	1,546,319	1,405,128
Shipping mines.....	1,181,654	1,330,623	883,301	1,475,730	1,568,939	1,460,046	1,514,677	1,311,097	1,079,777	988,696
Local mines.....	314,654	290,494	351,777	420,705	432,577	486,377	583,449	562,278	466,542	526,409
Adams County.....					64	412	112	909	21,024	12,358
Shipping mines.....										
Local mines.....					64	412	112	909	21,024	12,358

TABLE 18—Continued.

	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Brown County.....					3,032	1,650	1,069	20,231	812	367
Shipping mines.....										
Local mines.....					3,032	1,650	1,069	20,231	812	367
Fullon County.....	1,634,772	1,398,993	1,385,613	1,312,989	1,693,249	2,169,839	2,731,397	3,334,320	2,975,404	3,827,569
Shipping mines.....	1,474,002	1,229,481	1,116,424	994,505	1,526,408	1,926,313	2,414,701	2,976,168	2,660,132	3,408,049
Local mines.....	160,770	169,512	269,089	318,484	166,841	243,526	316,696	358,152	315,272	419,520
Hancock County.....	3,836	3,135	4,783	3,928	2,748	5,279	3,287	2,516	3,101	2,325
Shipping mines.....										
Local mines.....	3,836	3,135	4,783	3,928	2,748	5,279	3,287	2,516	3,101	2,325
Knox County.....	341,889	340,797	296,538	417,607	387,562	384,269	426,113	863,175	653,353	779,409
Shipping mines.....	294,517	290,581	238,722	295,536	311,51	289,580	323,997	722,261	499,309	602,912
Local mines.....	47,372	50,216	57,816	122,071	75,811	94,689	102,116	140,914	154,044	176,497
McDonough County.....	8,867	11,836	27,357	14,775	10,072	8,062	10,028	6,482	4,790	6,291
Shipping mines.....										
Local mines.....	8,867	11,836	27,357	14,775	10,072	8,062	10,028	6,482	4,790	6,291
Schuyler County.....	25,864	35,568	34,037	32,811	50,897	72,514	84,731	73,673	55,232	59,340
Shipping mines.....										
Local mines.....	25,864	35,568	34,037	32,811	50,897	72,514	84,731	73,673	55,232	59,340
Warren County.....	5,482	4,672	6,988	7,791	8,677	7,483	8,792	10,418	8,491	6,587
Shipping mines.....										
Local mines.....	5,482	4,672	6,988	7,791	8,677	7,483	8,792	10,418	8,491	6,587
Third District total.....	2,020,710	1,795,001	1,755,305	1,789,901	2,156,321	2,619,508	3,266,729	4,311,724	3,722,207	4,694,246
Shipping mines.....	1,768,519	1,520,062	1,355,246	1,290,041	1,898,159	2,215,893	2,738,698	3,698,429	3,159,441	4,010,961
Local mines.....	252,191	274,939	400,059	499,860	318,162	433,615	528,031	613,295	562,766	683,285
Cass County.....	755		1,240	812	1,758	2,259	325	915	2,632	2,69
Shipping mines.....										
Local mines.....	755		1,240	812	1,758	2,259	325	915	2,632	2,299

Crawford County.....	3,500	3,500	-----	5,578	5,078	3,479	1,436	1,773	2,386
Shipping mines.....	-----	-----	-----	-----	-----	-----	-----	-----	-----
Local mines.....	3,500	3,500	-----	5,578	5,078	3,479	1,436	1,773	2,386
Jasper County.....	-----	-----	-----	125	290	450	555	1,254	624
Shipping mines.....	-----	-----	-----	-----	-----	-----	-----	-----	-----
Local mines.....	-----	-----	-----	125	290	450	555	1,254	624
Madison County.....	2,229,592	1,157,124	990,250	1,329,026	1,616,665	1,697,334	1,658,032	1,371,709	1,877,060
Shipping mines.....	2,163,121	1,093,312	900,565	1,154,020	1,342,513	1,374,790	1,295,392	1,036,735	1,544,376
Local mines.....	66,471	63,812	80,655	175,066	274,152	322,544	363,240	334,974	332,684
Marion County.....	376,799	390,576	373,945	395,255	292,762	342,156	317,542	186,223	182,030
Shipping mines.....	376,799	390,576	373,945	395,255	292,762	342,156	317,542	186,223	182,030
Local mines.....	-----	-----	-----	-----	-----	-----	-----	-----	-----
Richland County.....	-----	-----	-----	-----	-----	-----	-----	-----	-----
Shipping mines.....	-----	-----	-----	-----	-----	-----	-----	-----	-----
Local mines.....	-----	-----	-----	-----	-----	-----	-----	-----	-----
Seventh District totals.....	2,740,716	1,573,218	1,499,744	1,724,406	1,943,632	2,129,448	2,029,922	1,632,684	2,165,683
Shipping mines.....	2,670,745	1,505,906	1,320,089	1,549,275	1,663,887	1,801,301	1,654,931	1,294,683	1,829,989
Local mines.....	69,971	67,312	80,655	175,131	280,045	328,147	365,231	338,001	335,694
Clinton County.....	364,767	183,507	92,895	212,224	284,250	243,418	264,413	128,222	100,771
Shipping mines.....	364,767	183,507	92,895	212,224	284,250	243,418	264,413	128,222	100,771
Local mines.....	-----	-----	-----	-----	-----	-----	-----	-----	-----
St. Clair County.....	2,447,784	2,778,643	2,166,309	2,431,681	2,508,219	2,496,287	2,697,626	2,274,746	2,457,296
Shipping mines.....	2,142,740	2,430,146	1,812,940	2,357,754	2,043,764	2,019,250	2,009,768	1,605,811	1,485,217
Local mines.....	305,044	348,497	353,369	373,927	464,455	477,037	687,858	668,935	972,079
Eighth District totals.....	2,812,551	2,962,150	2,293,436	2,644,410	2,792,913	2,740,307	3,245,962	2,403,174	2,558,187
Shipping mines.....	2,142,740	2,430,146	1,812,940	2,357,754	2,043,764	2,262,668	2,274,181	1,743,033	1,585,988
Local mines.....	305,044	348,497	353,369	373,927	464,455	477,037	687,858	668,935	972,079
Jackson County.....	2,054,886	1,938,141	1,391,403	1,234,189	1,525,513	1,336,558	1,840,277	1,322,956	1,747,917
Shipping mines.....	2,003,806	1,892,008	1,336,968	1,179,090	1,479,068	1,271,128	1,599,078	1,212,657	1,635,173
Local mines.....	51,080	46,133	54,435	55,099	46,445	65,430	121,016	110,329	112,744

TABLE 18—Concluded.

	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Perry County	3,309,648	2,990,440	3,086,628	2,602,398	3,038,966	3,330,250	3,430,836	3,873,355	2,975,038	3,172,299
Shipping mines	3,297,842	2,973,148	3,065,944	2,580,392	3,019,772	3,307,806	3,398,480	3,847,463	2,943,558	3,134,252
Local mines	11,806	17,292	20,584	22,006	19,194	22,444	32,356	25,892	31,550	38,047
Randolph County	443,195	469,188	237,509	396,843	477,330	568,892	606,915	1,390,113	1,115,662	1,272,614
Shipping mines	399,775	426,289	195,599	356,552	435,196	592,885	558,437	1,337,086	1,076,240	1,235,749
Local mines	43,420	42,899	41,910	40,291	42,134	45,007	48,478	53,027	39,422	36,865
Washington County	531,304	384,350	340,327	264,656	320,942	379,032	348,400	335,717	256,726	271,953
Shipping mines	522,324	378,850	333,827	257,805	315,909	371,372	320,525	311,004	238,068	251,651
Local mines	8,980	5,500	6,500	6,851	5,033	7,660	27,875	24,713	18,658	20,302
Ninth District totals	6,338,983	5,782,119	5,055,707	4,498,086	5,362,751	5,614,732	6,226,428	7,319,279	5,670,462	6,464,783
Shipping mines	6,223,747	5,670,295	4,932,338	4,373,839	5,249,945	5,473,191	6,044,840	7,094,631	5,470,523	6,256,825
Local mines	115,236	111,824	123,429	124,247	112,806	141,541	181,588	224,648	199,939	207,958
Franklin County	11,997,347	9,531,560	7,064,359	6,703,883	7,780,162	7,985,155	9,432,140	10,107,267	7,873,999	8,653,916
Shipping mines	11,997,347	9,531,560	7,064,359	6,703,883	7,780,162	7,985,155	9,432,140	10,107,267	7,873,999	8,653,916
Local mines										
Jefferson County		*			541	957	420	380	1,535	120,585
Shipping mines										
Local mines					541	957	420	380	1,535	120,077
Tenth District totals	11,997,347	9,531,560	7,064,359	6,703,883	7,780,703	7,986,112	9,432,560	10,108,047	7,875,534	8,771,501
Shipping mines	11,997,347	9,531,560	7,064,349	6,703,883	7,780,162	7,985,155	9,432,140	10,108,267	7,873,999	8,773,993
Local mines					541	957	420	380	1,535	508
Gallatin County	21,664	29,152	25,239	37,362	33,656	49,281	49,665	34,003	57,719	53,384
Shipping mines	2,350									
Local mines	19,314	29,152	25,239	37,362	33,656	49,281	49,665	34,003	57,719	53,384
Pope County	150	250	50	250	200	179	117	47	119	
Shipping mines										
Local mines	150	250	50	250	200	179	117	47	119	

Saline County	3,670,144	2,973,465	2,429,707	2,502,688	2,734,233	3,179,930	3,710,074	3,497,557	3,148,078	3,672,624
Shipping mines	3,655,452	2,957,019	2,401,303	2,479,670	2,700,987	3,146,340	3,670,516	3,460,130	3,108,634	3,622,334
Local mines	14,692	16,446	28,404	23,018	33,546	33,590	39,558	37,427	39,444	50,290
Wabash County	6,602	6,608	10,117	13,370	14,212	15,969	12,440	9,419	10,636	10,075
Shipping mines	6,602	6,608	10,117	13,370	14,212	15,969	12,440	9,419	10,636	10,075
Local mines										
White County	25,423	8,608	27,747	26,483	31,006	52,489	23,040	33,857	6,723	2,264
Shipping mines	25,423	8,608	27,747	26,483	31,006	52,489	23,040	33,857	6,243	2,264
Local mines									480	
Eleventh District totals	3,723,983	3,018,083	2,492,800	2,580,153	2,813,307	3,297,848	3,765,336	3,574,883	3,223,275	3,738,347
Shipping mines	3,683,225	2,965,627	2,429,050	2,506,153	2,731,693	3,198,829	3,693,556	3,493,987	3,114,877	3,624,598
Local mines	40,758	52,456	63,810	74,000	81,614	99,019	101,780	80,896	108,398	113,749
Johnson County	2,286	1,690	1,440	1,388	729	180	250	135	30	20
Shipping mines										
Local mines	2,286	1,690	1,440	1,388	729	180	250	135	30	20
Williamson County	4,107,573	2,165,819	1,933,638	2,036,247	2,060,090	2,995,624	2,992,988	2,818,989	2,159,324	2,445,496
Shipping mines	4,033,845	2,090,098	1,807,728	1,892,183	1,899,152	2,760,767	2,641,243	2,382,214	1,787,100	1,958,256
Local mines	73,728	75,721	125,910	144,064	190,938	234,857	351,745	436,775	372,224	497,240
Twelfth District totals	4,109,859	2,167,509	1,935,078	2,037,635	2,060,819	2,995,804	2,993,238	2,919,124	2,159,354	2,455,516
Shipping mines	4,033,845	2,090,098	1,807,728	1,892,183	1,899,152	2,760,767	2,641,243	2,382,214	1,787,100	1,958,256
Local mines	76,014	77,411	127,350	145,452	191,667	235,037	351,995	436,910	372,254	497,260
The State	54,035,116	45,152,623	34,120,786	38,320,125	41,724,078	45,013,278	51,475,899	52,432,255	42,387,368	47,627,454
Shipping mines	51,996,908	43,073,058	31,402,399	35,390,677	38,655,527	41,410,414	47,285,587	48,062,076	38,442,859	42,994,107
Local mines	2,038,508	2,079,565	2,718,387	2,929,448	3,068,551	3,602,864	4,190,312	4,370,179	3,944,509	4,633,347

TABLE 19—MINES SERVED BY RAILROADS AND THE INITIALS OF ROADS
SERVING—ARRANGED BY COUNTIES AND DISTRICT.

Operator.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
BUREAU COUNTY.....		1,021			1,021
Spring Valley Coal Mining Co.....	C. & N. W.....	866			866
	C. R. I. & P.....	155			155
HENRY COUNTY.....		425,700	196,592		622,292
Midland Electric Coal Corp., No. 1.....	C. R. I. & P.....	417,171	177,807		594,978
	Belt Ry. Co.....		15,563		15,563
Shuler Coal Co.....	C. B. & Q.....	6,970	3,222		10,192
Alpha Coal Co.....	C. B. & Q.....	1,559			1,559
LA SALLE COUNTY.....		83,288	1,893		85,181
Buffalo Rock Coal Co.....	C. R. I. & P.....	6,472	361		6,833
Peru Deep Vein Coal Co.....	C. R. I. & P.....	12,586			12,586
Union Coal Co.....	C. R. I. & P.....	39,323			39,323
Wilmington Coal Mines, Inc.....	C. R. I. & P.....	2,401			2,401
Osage Coal Co.....	C. R. I. & P.....	22,506			22,506
	L. E. & W.....		1,238		1,238
	C. G. W.....		294		294
WILL COUNTY.....		682,968	293,587		976,555
Northern Illinois Coal Corp., No. 10.....	A. T. & S. F.....	353,034	191,968		545,002
	C. & A.....	329,934	24,963		354,897
	Belt Ry. Co.....		13,231		13,231
	B. & O. C. T. Ry.....		63,425		63,425
Total First District.....		1,192,977	492,072		1,685,049
PEORIA COUNTY.....		28,957	792,024		820,981
Crescent Mining Co., No. 1.....	C. R. I. & P.....		439,356		439,356
	P. T. Co.....	1,842	874		2,716
Crescent Mining Co., No. 6.....	C. R. I. & P.....		348,018		348,018
	P. T. Co.....	27,115	3,776		30,891
TAZEWELL COUNTY.....			2,579		2,579
Lake Erie Mining Co.....	P. & P. U.....		2,579		2,579
WOODFORD COUNTY.....		9,809			9,809
W. G. Sutton.....	I. C.....	9,759			9,759
	A. T. & S. F.....	50			50
Total Second District.....		38,766	794,603		833,369

TABLE 19—Continued.

Operator.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to loco motives at the mines.	Total tons handled by railroads.
FULTON COUNTY.....		2,415,887	769,441	-----	3,185,328
Blakely Coal Co.....	C. B. & Q.....	36,644	23,481	-----	60,125
Central State Collieries, Inc.....	C. G. W.....	-----	98,998	-----	98,998
	A. T. & S. F.....	-----	11,665	-----	11,665
	C. R. I. & P.....	-----	6,147	-----	6,147
	C. W. P. & S.....	-----	727	-----	727
	Belt Ry. Co.....	-----	2,541	-----	2,541
	Illinois Northern.....	-----	636	-----	636
	T. P. & W.....	-----	2,460	-----	2,460
	L. E. & W.....	-----	1,608	-----	1,608
	W. C. F. & N.....	-----	56	-----	56
	Tri-City R. R.....	-----	112	-----	112
	C. & N. W.....	-----	7,698	-----	7,698
	St. Paul Union.....	-----	677	-----	677
	C. B. & Q.....	300,263	42,092	-----	342,355
Golden Rule Coal Co.....	M. & St. L.....	-----	11,488	-----	11,488
Illinois Colliery Co.....	C. B. & Q.....	8,281	2,362	-----	10,643
	M. & St. L.....	-----	182	-----	182
Midland Electric Coal Corp., No. 2.....	B. M. & N. W.....	-----	794	-----	794
	C. & N. W.....	-----	61,778	-----	61,778
	C. R. I. & P.....	-----	5,297	-----	5,297
	I. H. B.....	-----	13,067	-----	13,067
	M. & St. L.....	461,906	136,996	-----	598,902
	Minn. Transfer.....	-----	4,268	-----	4,268
	C. M. St. P. M. & O.....	-----	105	-----	105
Pschirrer & Sons Coal Co., No. 3.....	C. B. & Q.....	35,706	6,679	-----	42,385
	C. G. W.....	-----	16,106	-----	16,106
	P. R. R.....	-----	3,054	-----	3,054
	Belt Ry. Co.....	-----	1,337	-----	1,337
	T. P. & W.....	-----	112	-----	112
Truax-Traer Coal Co., No. 1.....	C. B. & Q.....	358,954	38,870	-----	397,824
	C. G. W.....	-----	64,673	-----	64,673
	T. P. & W.....	-----	4,375	-----	4,375
	Belt Ry. Co.....	-----	3,944	-----	3,944
	P. R. R.....	-----	6,453	-----	6,453
	M. & S. L.....	-----	1,708	-----	1,708
	L. E. & W.....	-----	1,050	-----	1,050
	C. & N. W.....	-----	2,465	-----	2,465
	R. I. S.....	-----	54	-----	54
Truax-Traer Coal Co., No. 2.....	C. B. & Q.....	401,412	43,827	-----	445,239
	T. P. & W.....	-----	400	-----	400
	B. R. C.....	-----	3,092	-----	3,092
	M. & St. L.....	-----	34,027	-----	34,027
	P. R. R.....	-----	7,350	-----	7,350
	C. G. W.....	-----	19,204	-----	19,204
	R. I. S.....	-----	424	-----	424
	Chicago Short Line.....	-----	102	-----	102
	L. E. & W.....	-----	1,776	-----	1,776
United Electric Coal Cos., No. 9.....	C. B. & Q.....	265,315	55,790	-----	321,105
United Electric Coal Cos., No. 17.....	C. B. & Q.....	547,406	17,334	-----	564,740
KNOX COUNTY.....		469,430	133,482	-----	602,912
Little John Coal Co., No. 5.....	G. & G. E.....	469,430	2,844	-----	472,274
	A. T. & S. F.....	-----	105,641	-----	105,641
	C. G. W.....	-----	24,997	-----	24,997
Total Third District.....		2,885,317	902,923	-----	3,788,240

TABLE 19—Continued.

Operator.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads
CHRISTIAN COUNTY.....		3,697,987	325,606	5,294	4,028,887
Pana Coal Co.....	I. C.....	2,967		5,294	8,261
	B. & O.....	297			297
Peabody Coal Co., No. 7.....	C. & I. M.....	998,217	11,865		1,010,082
	Wabash.....		3,164		3,164
	B. & O.....		6,072		6,072
	C. & N. W.....		57,745		57,745
	C. & A.....		2,520		2,520
Peabody Coal Co., No. 8.....	C. & I. M.....	1,028,180	74,350		1,102,530
	C. R. I. & P.....		402		402
	C. & N. W.....		274		274
Peabody Coal Co., No. 9.....	C. & I. M.....	981,508	1,088		982,596
	Wabash.....		35,608		35,608
	C. & A.....		4,989		4,989
	B. & O.....		22,694		22,694
	C. & N. W.....		50,666		50,666
Peabody Coal Co., No. 58.....	C. & I. M.....	577,008	46		577,054
	Wabash.....	58,797	16,749		75,546
	C. & A.....		1,733		1,733
	B. & O.....		15,440		15,440
	C. & N. W.....		15,937		15,937
Penwell Coal Mining Co.....	B. & O.....	2,131			2,131
	I. C.....	48,882	4,264		53,146
SANGAMON COUNTY.....		998,156	453,974	785	1,452,915
Central Illinois Mining Co., "A".....	C. S. & St. L.....	31,879	121,259		153,138
Mine B Coal Co.....	C. & A.....	6,165	4,658		10,823
	Wabash.....	400	2,049		2,449
	C. S. & St. L.....	2,565			2,565
Panther Creek Mines, Inc., No. 4.....	B. & O.....	191			191
	C. & A.....	12,236	15,215		27,451
	Wabash.....	1,542	11,290		12,832
	I. C.....	3,750			3,750
	C. & I. M.....	321			321
	C. S. & St. L.....	234			234
	I. T. C.....	1,861			1,861
Panther Creek Mines, Inc., No. 5.....	C. & A.....	125,856	56,883		182,739
	I. C.....	7,787			7,787
	Wabash.....	2,584	24,006		26,590
	C. & I. M.....	634			634
	I. T. C.....	3,066			3,066
	C. S. & St. L.....	1,775			1,775
	B. & O.....	711			711
Peabody Coal Co., No. 53.....	Wabash.....	56,633	157,226		213,859
	C. & A.....	1,698	749		2,447
	I. C.....	1,348			1,348
	C. & I. M.....	118,529			118,529
	I. T. C.....	1,731			1,731
	B. & O.....		3,723		3,723
Peabody Coal Co., No. 57.....	C. S. & St. L.....	2,620			2,620
	I. C.....	9,442			9,442
	B. & O.....	6,100	9,150		15,250
	I. T. C.....	69,824			69,824
	Wabash.....	400			400
	C. & I. M.....	171,036			171,036
Peabody Coal Co., No. 59.....	S. T. Ry.....	355,238	47,766	785	403,789
Total Fourth District.....		4,696,143	779,580	6,079	5,481,802

TABLE 19—Continued.

Operator.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
EDGAR COUNTY.....		36,687	33,379		70,066
Lincoln City Coal Co.....	C. M. St. P. & P.....	36,687	33,379		70,066
MACON COUNTY.....		5,463			5,463
Macon County Coal Co.....	I. C.....	5,463			5,463
VERMILION COUNTY.....		914,249	570,623		1,484,872
United States Fuel Co., Bun.....	E. J. & E.....	404,896	350,945		755,841
Peabody Coal Co., No. 24.....	Wabash.....	80,324	24,992		105,316
	C. C. C. & St. L.....	242,352			242,352
	N. Y. C.....		160,772		160,772
	C. & E. I.....	51,717			51,717
	N. Y. C. & St. L.....		6,271		6,271
F. C. Morgan Coal Co.....	P. & E.....	107,322	5,172		112,494
	I. T. C.....	16,809			16,809
Tilton Mining Co.....	Wabash.....	1,709	11,485		13,194
	Belt Ry. Co.....		10,398		10,398
Skelton Coal Co.....	I. T. C.....	2,500			2,500
Grape Creek Mining Co.....	N. Y. C.....	6,620	588		7,208
Total Fifth District.....		956,399	604,002		1,560,401
MACOUPIN COUNTY.....		399,570	2,640,180	10,478	3,050,228
Consolidated Coal Co., No. 7.....	Wabash.....	125,377	194,818		320,195
	L. & M.....	584			584
Consolidated Coal Co., No. 15.....	Wabash.....	140,549	206,208		346,757
Gillespie Coal Co.....	I. T. C.....	103,675	59,800		163,475
Mt. Olive Coal Co.....	I. C.....	24,783	27,496	10,478	62,757
South Mine Co.....	I. T. C.....	1,617			1,617
Superior Coal Co., No. 1.....	C. & N. W.....		395,220		395,220
Superior Coal Co., No. 2.....	C. & N. W.....		496,846		496,846
Superior Coal Co., No. 3.....	C. & N. W.....		529,680		529,680
Superior Coal Co., No. 4.....	C. & N. W.....		613,767		613,767
Lincoln Liquidating Corp.....	C. & A.....	645	14,567		15,212
Virden Mining Co.....	C. & A.....	2,340	101,778		104,118
MONTGOMERY COUNTY.....		451,997	146,395		598,392
Hillsboro Mining Co.....	C. C. C. & St. L.....	28,557			28,557
	N. Y. C.....		15,286		15,286
	I. T. C.....		101		101
	C. G. W.....		59		59
	N. Y. C., Englewood		2,572		2,572
	Michigan Central.....		637		637
Indiana & Illinois Coal Corp., No. 10.....	C. C. C. & St. L.....	50,086	18,840		68,926
	Off Line.....	640	7,458		8,098
Nokomis Coal Co.....	C. C. C. & St. L.....	281,425	76,272		357,697
	C. & E. I.....	91,289	25,170		116,459
Total Sixth District.....		851,567	2,786,575	10,478	3,648,620

TABLE 19—Continued.

Operator.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
BOND COUNTY.....		41,584	24,518		66,102
Illinois Pocahontas Coal Co.....	P. R. R.	41,584	24,518		66,102
MADISON COUNTY.....		823,327	309,789		1,133,116
Burn Well Coal Co.....	P. R. R.	2,512			2,512
Chicopee Coal Co.....	I. T. C.	1,415			1,415
Livingston-Mt. Olive Coal Co.....	N. Y. C.	52,170	15,290		68,090
	C. & E. I.	36,572	10,338		46,910
	C. G. W.		11,468		11,468
	Belt Ry. Co.		1,840		1,840
Lumaghi Coal Co., No. 2.....	P. R. R.	138,020	32,782		170,802
Madison County Coal & Mining Co.....	I. T. C.	200,929			200,929
Mt. Olive & Staunton Coal Co., No. 2.....	Wabash		176,404		176,404
	C. & N. W.		8,649		8,649
	C. G. W.		16,354		16,354
	Erie		14,478		14,478
	I. C.		4,611		4,611
	N. Y. C. & St. L.		268		268
	A. & S.		2,011		2,011
	Terminal Ry. Assn.		5,783		5,783
	L. & M.	391,709	8,884		400,593
MARION COUNTY.....		84,722	28,642		113,364
Marion County Coal Co.....	I. C.	37,150	10,937		48,087
	C. B. & Q.	47,572	17,704		65,276
Total Seventh District.....		949,633	362,949		1,312,582
CLINTON COUNTY.....		9,561			9,561
Beckemeyer Coal Co.....	B. & O.	3,571			3,571
Citizens Coal Co.....	B. & O.	5,990			5,990
ST. CLAIR COUNTY.....		481,474	332,516	9,295	823,285
Freeburg Coal Co.....	I. C.	584			584
Golden Rule Coal Co.....	I. C.	34,137	21,591		55,728
Groom Coal Co.....	I. C.	11,459		7,771	19,230
Gundlach Coal Co.....	Caseyville	95,848	31,772		127,620
Lenzburg Coal Co.....	I. C.	30,621	1,700		32,321
Mulberry Hill Coal Co.....	I. C.	20,336	11,463		31,799
	A. & S.		2,736		2,736
	P. R. R.		3,477		3,477
	Term. R. R. Assn.		2,742		2,742
Marissa Coal Co.....	I. C.	11,903	1,664		13,567
	A. & S.		194		194
Perry Coal Co., St. Ellen.....	I. T. C.	29,039	9,119		38,158
Prairie Coal Co.....	I. T. C.	20,052			20,052
St. Louis & O'Fallon Coal Co., No. 2.....	St. L. & O'F.	147,347	211,009	1,524	359,880
Service Coal & Mining Co.....	L. & N.	668			668
Southern Coal, Coke & Mining Co., No. 7.....	Southern	353			353
United Electric Coal Cos., No. 13.....	I. C.	24,191	34,944		59,135
Vinegar Hill Coal Co.....	I. C.	52,722			52,722
Mascoutah Coal & Mining Co.....	L. & N.	94			94
White Coal Co.....	L. & N.	2,120	105		2,225
Total Eighth District.....		491,035	332,516	9,295	832,846

TABLE 19—Continued.

Operator.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
JACKSON COUNTY.....		1,311,208	278,771		1,589,979
Truax-Traer Coal Co., No. 2.....	I. C.....	275,516	74,105		349,621
	Mo. P.....	141,439	58,670		200,109
Union Colliery Co.....	I. C.....	894,253	145,996		1,040,249
PERRY COUNTY.....		1,833,304	964,918	21,076	2,819,298
Beaucoup Coal Co.....	Mo. P.....	14,927	3,995		18,922
Pinckneyville Mining Co., No. 5.....	Mo. P.....	20,400	2,600		23,000
	I. C.....	3,000			3,000
Conant Coal Co.....	Mo. P.....	4,645	8,059		12,074
Peabody Coal Co., No. 14.....	I. C.....	382,370	123,157		505,527
Cutler Coal Co., Inc.....	Mo. P.....	52,673			52,673
Home Coal Co.....	I. C.....	10,000	1,500		11,500
Edgar Coal Co.....	I. C.....	1,945	376		2,321
New Galum Coal Corp.....	Mo. P.....	22,181	4,811		26,992
Perfection Coal Co.....	I. C.....	12,482		21,076	33,558
Pyramid Coal Corp.....	Mo. P.....	331,263	351,565		682,828
	I. C.....	101,088	71,805		172,888
	C. G. W.....		92,557		92,557
United Electric Coal Cos., No. 11.....	Mo. P.....	394,576	223,618		618,194
	I. C.....	394,575	71,224		465,799
C. & R. Coal Co.....	Mo. P.....	60,288			60,288
Coulterville Coal Co.....	I. C.....	18,888	2,192		21,080
	M. & I.....	8,008	7,459		15,467
RANDOLPH COUNTY.....		728,510	418,819		1,147,329
Crain Coal Co.....	Mo. P.....	6,144			6,144
Ill-Mo Coal Co.....	M. & I.....	4,087	4,381		8,468
Moffat Coal Co., No. 1.....	M. & O.....	2,454	137,735		140,193
St. Louis Coal Co.....	I. C.....	89,511	14,600		104,111
	Mo. P.....	4,711	4,888		9,599
	C. & A.....		4,700		4,700
	A. & S.....		2,400		2,400
Southwestern-Illinois Coal Corp.....	Mo. P.....	392,167	86,190		478,357
	M. & O.....	227,943	102,439		330,382
	M. & I.....		7,825		7,825
	Terminal R. R.....		5,602		5,602
	A. & S.....		3,261		3,261
	St. L. S. F.....		3,189		3,189
	I. T. C.....		230		230
	W. C. F. & N.....		481		481
	P. R. R.....		4,861		4,861
Moffat Coal Co., No. 2.....	M. & O.....	1,493	36,033		37,526
WASHINGTON COUNTY.....		101,998	87,049	4,000	193,137
Centralia Coal Co., No. 5.....	I. C.....	35,824	44,209		80,033
	C. B. & Q.....	64,777	39,079		103,856
Clarkson Coal & Mining Co.....	L. & N.....	1,017	3,761	4,000	8,868
Bois Coal Co.....	I. C.....	380			380
Total Ninth District.....		3,975,020	1,749,557	25,166	5,749,743

TABLE 19—Continued.

Operator.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
FRANKLIN COUNTY.....	-----	5,877,667	2,228,000	-----	8,105,667
Bell & Zoller Coal & Mining Co., No. 1.....	I. C.	369,322	96,991	-----	466,313
	C. B. & Q.	211,805	47,288	-----	259,093
	Mo. P.	160,800	43,054	-----	203,854
Bell & Zoller Coal & Mining Co., No. 2.....	I. C.	288,656	75,397	-----	364,053
	C. B. & Q.	165,968	36,737	-----	202,705
	Mo. P.	125,304	33,361	-----	158,665
Chicago, Wilmington & Franklin Coal Co., No. 1.....	C. B. & Q.	153,777	28,529	-----	182,306
	Mo. P.	140,319	42,400	-----	182,719
	I. C.	212,391	66,081	-----	278,472
	C. & E. I.	19,720	9,824	-----	29,544
Chicago, Wilmington & Franklin Coal Co., New Orient.....	C. B. & Q.	304,713	68,810	-----	373,523
	Mo. P.	242,063	48,031	-----	290,094
	I. C.	456,045	103,415	-----	559,460
	C. & E. I.	43,632	15,254	-----	58,886
Franklin County Coal Corp., No. 5.....	C. B. & Q.	247,251	-----	-----	247,251
	Mo. P.	63,368	-----	-----	63,368
	I. C.	179,293	-----	-----	179,293
Franklin County Coal Corp., No. 7.....	C. B. & Q.	228,269	-----	-----	228,269
	Mo. P.	134,184	-----	-----	134,184
	I. C.	167,519	-----	-----	167,519
Old Ben Coal Corp., No. 8.....	C. B. & Q.	145,924	107,663	-----	253,587
	I. C.	122,823	23,542	-----	146,365
	Mo. P.	91,899	4,729	-----	96,628
	C. & E. I.	16,949	9,256	-----	26,205
Old Ben Coal Corp., No. 11.....	C. B. & Q.	391,210	49,401	-----	440,611
	I. C.	54	-----	-----	54
	Mo. P.	96	-----	-----	96
Old Ben Coal Corp., No. 14.....	C. B. & Q.	124,228	24,429	-----	148,657
	I. C.	142,757	42,407	-----	185,164
	Mo. P.	108,402	75,250	-----	183,652
Old Ben Coal Corp., No. 15.....	C. B. & Q.	175,002	19,564	-----	194,566
	I. C.	179,666	71,202	-----	250,868
	Mo. P.	51,486	1,721	-----	53,207
	C. & E. I.	17,208	5,505	-----	22,713
Peabody Coal Co., No. 18.....	C. & E. I.	52,384	37,909	-----	90,293
	C. B. & Q.	152,416	54,956	-----	207,372
	I. C.	190,764	18,287	-----	209,051
Valier Coal Co., No. 1.....	C. B. & Q.	-----	967,007	-----	967,007
JEFFERSON COUNTY.....	-----	35,350	55,226	-----	90,576
Consolidated Coal Co., No. 20.....	I. C.	26,090	20,980	-----	47,070
	Mo. P.	6,881	33,965	-----	40,846
	C. & E. I.	2,379	281	-----	2,660
Total Tenth District.....	-----	5,913,017	2,283,226	-----	8,196,243

TABLE 19—Concluded.

Operator.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
SALINE COUNTY.....	-----	2,623,356	674,688	-----	3,298,044
*Bankston Creek Collieries Co., No. 4.....	-----	-----	-----	-----	-----
*Bankston Creek Collieries Co., No. 5.....	-----	-----	-----	-----	-----
Bankston Creek Collieries Co., No. 6.....	C. C. C. & St. L.....	449,805	278,596	-----	728,401
Blue Bird Coal Co., No. 6.....	C. C. C. & St. L.....	205,846	-----	-----	205,846
Peabody Coal Co., No. 43.....	C. C. C. & St. L.....	172,080	135,187	-----	307,267
Peabody Coal Co., No. 47.....	C. C. C. & St. L.....	438,691	83,585	-----	522,276
Rex Coal Co., No. 2.....	C. C. C. & St. L.....	128,237	-----	-----	128,237
Sahara Coal Co., No. 1.....	I. C.....	261,198	-----	-----	261,198
Sahara Coal Co., No. 10.....	C. C. C. & St. L.....	44,109	37,458	-----	81,567
Wasson Coal Co., "A".....	C. C. C. & St. L.....	24,991	42,894	-----	67,885
Wasson Coal Co., No. 1.....	I. C.....	79,951	26,838	-----	106,789
Bankston Creek Collieries, Central Wash- ing Plant.....	C. C. C. & St. L.....	117,651	-----	-----	117,651
	I. C.....	225,605	-----	-----	225,605
		164,619	-----	-----	164,619
		310,573	70,130	-----	380,703
WHITE COUNTY.....	-----	353	-----	-----	353
H. & H. Coal Co.....	B. & O.....	353	-----	-----	353
Total Eleventh District.....	-----	2,623,709	674,688	-----	3,298,397
WILLIAMSON COUNTY.....	-----	1,433,468	443,078	-----	1,876,546
Marvel Coal Co.....	Mo. P.....	3,151	2,613	-----	5,764
	St. L. S. W.....	-----	1,598	-----	1,598
M. & S. Coal Co.....	Mo. P.....	13,001	4,118	-----	17,119
Consolidated Coal Co., New Monarch.....	I. C.....	98,728	10,773	-----	109,501
	Mo. P.....	66,228	5,019	-----	71,247
	C. B. & Q.....	60,792	15,600	-----	76,392
Delta Coal Mining Co.....	I. C.....	341,332	113,075	-----	454,407
Forsyth-Cart rville Coal Co.....	I. C.....	75,295	20,765	-----	96,060
Freeman Coal Mining Co.....	C. B. & Q.....	18,843	12,963	-----	31,806
	I. C.....	11,485	10,285	-----	21,770
McLaren Coal Co., No. 1.....	I. C.....	105,131	-----	-----	105,131
Seymour Coal Mining Co.....	I. C.....	212,256	63,945	-----	276,201
	C. B. & Q.....	118,274	40,046	-----	158,320
	Mo. P.....	82,172	26,165	-----	108,337
Wallace Coal Co.....	Mo. P.....	70,794	73,513	-----	144,337
Consolidated Coal Co., Buckhorn.....	I. C.....	100,789	36,575	-----	137,364
	Mo. P.....	48,856	845	-----	49,701
Diamond Coal Co., No. 3.....	C. B. & Q.....	1,550	5,150	-----	6,700
Cox Coal Co.....	Mo. P.....	2,687	-----	-----	2,687
Peerless Coal Co.....	I. C.....	1,925	-----	-----	1,925
Spillertown Coal Co.....	C. & E. I.....	179	-----	-----	179
Total Twelfth District.....	-----	1,433,468	443,078	-----	1,876,546
The State.....	-----	26,007,051	12,205,769	51,018	38,263,838

* Washed and shipped by Central Washing Plant.

TABLE 20—RAILROADS HANDLING THE COAL AND THE MINES SERVED BY EACH.

Mine index number.	Railroad and mines served.	County.	District No.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
	Illinois Central.....			6,345,200	1,468,392	44,619	7,858,211
U-1	Bell & Zoller Coal & Mining Co., No. 1.....	Franklin.....	10	369,322	96,991		466,313
U-2	Bell & Zoller Coal & Mining Co., No. 2.....	Franklin.....	10	288,656	75,397		364,053
U-3	Bois Coal Co.....	Washington.....	9	380			380
U-1	Centralia Coal Co., No. 5.....	Washington.....	9	35,824	44,209		80,033
U-3	Chicago, Wilmington & Franklin Coal Co., No. 1.....	Franklin.....	10	212,391	66,081		278,472
U-4	Chicago, Wilmington & Franklin Coal Co., No. 2.....	Franklin.....	10	456,045	103,415		559,460
U-20	Consolidated Coal Co., Buckhorn.....	Williamson.....	12	100,789	36,575		137,364
U-3	Consolidated Coal Co., New Monarch.....	Williamson.....	12	98,728	10,773		109,501
U-3	Consolidated Coal Co., Jefferson No. 20.....	Jefferson.....	10	26,090	20,950		47,070
U-16	Coulterville Coal Co.....	Perry.....	9	18,888	2,192		21,080
U-4	Delta Coal Mining Co.....	Williamson.....	12	341,332	113,075		454,407
U-10	Edgar Coal Co.....	Perry.....	9	1,945	376		2,321
U-7	Forsyth-Carterville Coal Co.....	Williamson.....	12	75,295	20,765		96,060
U-6	Franklin County Coal Corp., No. 5.....	Franklin.....	10	179,293			179,293
U-7	Franklin County Coal Corp., No. 7.....	Franklin.....	10	167,519			167,519
U-52	Freeburg Coal Co.....	St. Clair.....	8	584			584
U-5	Freeman Coal Mining Co.....	Williamson.....	12	11,455	10,285		21,770
U-3	Golden Rule Coal Co.....	St. Clair.....	8	34,137	21,591		55,728
U-4	Groom Coal Co.....	St. Clair.....	8	11,459		7,771	19,230
U-6	Home Coal Co.....	Perry.....	9	10,000	1,500		11,500
U-13	Lenzburg Coal Co.....	St. Clair.....	8	30,621	1,700		32,321
U-1	McLaren Coal Co., No. 1.....	Williamson.....	12	105,131			105,131
U-1	Macon County Coal Co.....	Macon.....	5	5,463			5,463
U-1	Marion County Coal Co.....	Marion.....	7	37,150	10,937		48,087
U-8	Marissa Coal Co.....	St. Clair.....	8	11,903	1,664		13,567
U-4	Mt. Olive Coal Co.....	Macoupin.....	6	24,783	27,496	10,478	62,757
U-6	Mt. Olive & Staunton Coal Co., No. 2.....	Madison.....	7		4,611		4,611
U-7	Mulberry Hill Coal Co.....	St. Clair.....	8	20,336	11,463		31,799
U-8	Old Ben Coal Corp., No. 8.....	Franklin.....	10	122,823	23,542		146,365
U-9	Old Ben Coal Corp., No. 11.....	Franklin.....	10	54			54
U-9	Old Ben Coal Corp., No. 14.....	Franklin.....	10	142,757	42,407		185,164
U-10	Old Ben Coal Corp., No. 15.....	Franklin.....	10	179,666	71,202		250,868
U-11	Pana Coal Co.....	Christian.....	4	2,967		5,294	8,261
U-3	Panther Creek Mines, Inc., No. 4.....	Sangamon.....	4	3,750			3,750
U-4	Panther Creek Mines, Inc., No. 5.....	Sangamon.....	4	7,737			7,737
U-6	Peabody Coal Co., No. 14.....	Perry.....	9	382,370	123,157		505,527
U-12	Peabody Coal Co., No. 18.....	Franklin.....	10	180,764	18,287		209,051
U-5	Peabody Coal Co., No. 33.....	Sangamon.....	4	1,348			1,348
U-6	Peabody Coal Co., No. 57.....	Sangamon.....	4	9,442			9,442
U-52	Peerless Coal Co.....	Williamson.....	12	1,925			1,925
U-6	Penwell Coal Mining Co.....	Christian.....	4	48,882	4,264		53,146
U-12	Perfection Coal Co.....	Perry.....	9	12,482		21,076	33,558
U-4	Pinckneyville Mining Co., No. 5.....	Perry.....	9	3,000			3,000
U-13	Pyramid Coal Corp.....	Perry.....	9	101,083	71,805		172,888
U-9	Rex Coal Co., No. 2.....	Saline.....	11	261,198			261,198
U-9	Sahara Coal Co., No. 10.....	Saline.....	11	79,951	26,838		106,789
U-17	St. Louis Coal Co.....	Randolph.....	9	89,511	14,600		104,111
U-17	Seymour Coal Mining Co.....	Williamson.....	12	212,256	63,945		276,201
U-2	W. G. Sutton.....	Woodford.....	2	9,759			9,759
U-2	Trnax-Trar Coal Co., No. 2.....	Jackson.....	9	275,516	74,105		349,621
U-2	Union Colliery Co.....	Jackson.....	9	894,233	145,966		1,040,249
U-14	United Electric Coal Cos., No. 11.....	Perry.....	9	394,575	71,224		465,799
U-18	United Electric Coal Cos., No. 13.....	St. Clair.....	8	24,191	34,944		59,135
U-19	Vinegar Hill Coal Co.....	St. Clair.....	8	52,722			52,722
U-12	Wasson Coal Co., No. 1.....	Saline.....	11	164,619			164,619
	Chicago, Burlington & Quincy.....			4,574,881	1,768,583		6,343,464
U-2	Alpha Coal Co.....	Henry.....	1	1,559			1,559
U-2	Bell & Zoller Coal & Mining Co., No. 1.....	Franklin.....	10	211,805	47,288		259,093
U-2	Bell & Zoller Coal & Mining Co., No. 2.....	Franklin.....	10	165,968	36,737		202,705
U-1	Blakley Coal Co.....	Fulton.....	3	36,644	23,481		60,125
U-1	Centralia Coal Co., No. 5.....	Washington.....	9	64,777	39,079		103,856
U-2	Central State Collieries.....	Fulton.....	3	300,263	42,092		342,355
U-3	Chicago, Wilmington & Franklin Coal Co., No. 1.....	Franklin.....	10	153,777	28,529		182,306

TABLE 20—Continued.

Mine index number.	Railroad and mines served.	County.	District No.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
74	Chicago, Wilmington & Franklin Coal Co., No. 2	Franklin	10	304,713	68,810		373,523
75	Consolidated Coal Co., New Monarch	Williamson	12	60,792	15,600		76,392
76	Diamond Coal Co., No. 3	Williamson	12	1,550	5,150		6,700
77	Franklin County Coal Corp., No. 5	Franklin	10	247,251			247,251
78	Franklin County Coal Corp., No. 7	Franklin	10	228,269			228,269
79	Freeman Coal Mining Co.	Williamson	12	18,843	12,963		31,806
80	Illinois Colliery Co.	Fulton	3	8,281	2,362		10,643
81	Marion County Coal Co.	Marion	7	47,572	17,704		65,276
82	Old Ben Coal Corp., No. 8	Franklin	10	145,924	107,663		253,587
83	Old Ben Coal Corp., No. 11	Franklin	10	391,210	49,401		440,611
84	Old Ben Coal Corp., No. 14	Franklin	10	124,228	24,429		148,657
85	Old Ben Coal Corp., No. 15	Franklin	10	175,002	19,564		194,566
86	Peabody Coal Co., No. 18	Franklin	10	152,416	54,956		207,372
87	Pschirrer & Sons Coal Co., No. 3	Fulton	3	35,706	6,679		42,385
88	Seymour Coal Mining Co.	Williamson	12	118,274	40,046		158,320
89	Shuler Coal Co.	Woodford	2	6,970	3,222		10,192
90	Truax-Traer Coal Co., No. 1	Fulton	3	358,954	38,870		397,824
91	Truax-Traer Coal Co., No. 2	Fulton	3	401,412	43,827		445,239
92	United Electric Coal Cos., No. 9	Fulton	3	265,315	55,790		321,105
93	United Electric Coal Cos., No. 17	Fulton	3	547,406	17,354		564,740
94	Valier Coal Co., No. 1	Franklin	10		967,007		967,007
Missouri Pacific				2,857,105	1,139,210		3,996,315
95	Beaucoup Coal Co.	Perry	9	14,927	3,995		18,922
96	Bell & Zoller Coal & Mining Co., No. 1	Franklin	10	160,800	43,054		203,854
97	Bell & Zoller Coal & Mining Co., No. 2	Franklin	10	125,304	33,361		158,665
98	Chicago, Wilmington & Franklin Coal Co., No. 1	Franklin	10	140,319	42,400		182,719
99	Chicago, Wilmington & Franklin Coal Co., No. 2	Franklin	10	242,063	48,031		290,094
100	Conant Coal Co.	Perry	9	4,645	8,050		12,704
101	Consolidated Coal Co., Buckhorn	Williamson	12	48,856	845		49,701
102	Consolidated Coal Co., New Monarch	Williamson	12	66,228	5,019		71,247
103	Consolidated Coal Co., Jefferson No. 20	Jefferson	10	6,851	33,965		40,816
104	Cox Coal Co.	Williamson	12	2,687			2,687
105	C. & R. Coal Co.	Perry	9	60,288			60,288
106	Crain Coal Co.	Randolph	9	6,144			6,144
107	Cutler Coal Co.	Perry	9	52,673			52,673
108	Franklin County Coal Corp., No. 5	Franklin	10	63,368			63,368
109	Franklin County Coal Corp., No. 7	Franklin	10	134,184			134,184
110	M. & S. Coal Co.	Williamson	12	13,001	4,118		17,119
111	Marvel Coal Co.	Williamson	12	3,151	2,613		5,764
112	New Galena Coal Co.	Perry	9	22,181	4,811		26,992
113	Old Ben Coal Corp., No. 8	Franklin	10	91,899	4,729		96,628
114	Old Ben Coal Corp., No. 11	Franklin	10	96			96
115	Old Ben Coal Corp., No. 14	Franklin	10	108,402	75,250		183,652
116	Old Ben Coal Corp., No. 15	Franklin	10	51,486	1,721		53,207
117	Pinckneyville Mining Co., No. 5	Perry	9	20,400	2,600		23,000
118	Pyramid Coal Corp.	Perry	9	331,263	351,565		682,828
119	St. Louis Coal Co.	Randolph	9	4,711	4,888		9,599
120	Seymour Coal Mining Co.	Williamson	12	82,172	26,165		108,337
121	Southwestern Illinois Coal Corp.	Randolph	9	392,167	86,190		478,357
122	Truax-Traer Coal Co., No. 2	Jackson	9	141,439	58,670		200,109
123	United Electric Coal Cos., No. 11	Perry	9	394,576	223,618		618,194
124	Wallace Coal Co.	Williamson	12	70,794	73,543		144,337
Chicago & Illinois Midland				3,875,433	87,349		3,962,782
125	Panther Creek Mines, Inc., No. 4	Sangamon	4	321			321
126	Panther Creek Mines, Inc., No. 5	Sangamon	4	634			634
127	Peabody Coal Co., No. 7	Christian	4	998,217	11,865		1,010,082
128	Peabody Coal Co., No. 8	Christian	4	1,028,180	74,350		1,102,530
129	Peabody Coal Co., No. 9	Christian	4	981,508	1,088		982,596
130	Peabody Coal Co., No. 53	Sangamon	4	118,529			118,529
131	Peabody Coal Co., No. 57	Sangamon	4	171,036			171,036
132	Peabody Coal Co., No. 58	Christian	4	577,008	46		577,054
Chicago, Cincinnati, Cleveland & St. Louis				2,720,008	742,962		3,462,970
133	*Bankston Creek Collieries Co., No. 4	Saline	11				
134	*Bankston Creek Collieries Co., No. 5	Saline	11				

*Tonnage washed and shipped by Central Washing Plant.

TABLE 29—Continued

Mine index number.	Railroad and mines served.	County.	District No.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
2-1	Bankston Creek Collieries Co., No. 6.....	Saline.....	11	449,805	278,596	-----	728,401
	Bankston Creek Coal Co., Central Washing Plant.....	Saline.....	11	310,573	70,130	-----	380,703
2-3	Blue Bird Coal Co., No. 6.....	Saline.....	11	205,846	-----	-----	205,846
2-1	Hillsboro Mining Co.....	Montgomery.....	6	28,557	-----	-----	28,557
2-2	Indiana & Illinois Coal Corp., No. 10.....	Montgomery.....	6	50,086	18,840	-----	68,926
2-3	Nokomis Coal Co.....	Montgomery.....	6	281,425	76,272	-----	357,697
2-3	Peabody Coal Co., No. 24.....	Vermilion.....	5	242,352	-----	-----	242,352
2-4	Peabody Coal Co., No. 43.....	Saline.....	11	172,080	135,187	-----	307,267
2-5	Peabody Coal Co., No. 47.....	Saline.....	11	438,691	83,585	-----	522,276
2-6	Rex Coal Co., No. 2.....	Saline.....	11	128,237	-----	-----	128,237
2-7	Sahara Coal Co., No. 1.....	Saline.....	11	44,109	37,438	-----	81,567
2-9	Sahara Coal Co., No. 10.....	Saline.....	11	24,991	42,894	-----	67,885
2-11	Wasson Coal Co., "A".....	Saline.....	11	117,651	-----	-----	117,651
2-12	Wasson Coal Co., No. 1.....	Saline.....	11	225,605	-----	-----	225,605
	Chicago & Northwestern.....	-----	-----	866	2,240,725	-----	2,241,591
2-1	Central State Collieries Co.....	Fulton.....	3	-----	7,698	-----	7,698
2-2	Midland Electric Coal Corp., No. 2.....	Fulton.....	3	-----	61,778	-----	61,778
2-6	Mt. Olive & Staunton Coal Co., No. 2.....	Madison.....	7	-----	8,649	-----	8,649
2-6	Peabody Coal Co., No. 7.....	Christian.....	4	-----	57,745	-----	57,745
2-3	Peabody Coal Co., No. 8.....	Christian.....	4	-----	274	-----	274
2-3	Peabody Coal Co., No. 9.....	Christian.....	4	-----	50,666	-----	50,666
2-5	Peabody Coal Co., No. 58.....	Christian.....	4	-----	15,937	-----	15,937
2-1	Spring Valley Coal Mining Co.....	Bureau.....	1	866	-----	-----	866
2-6	Superior Coal Co., No. 1.....	Macoupin.....	6	-----	395,220	-----	395,220
2-7	Superior Coal Co., No. 2.....	Macoupin.....	6	-----	496,846	-----	496,846
2-8	Superior Coal Co., No. 3.....	Macoupin.....	6	-----	529,680	-----	529,680
2-9	Superior Coal Co., No. 4.....	Macoupin.....	6	-----	613,767	-----	613,767
2-12	Truax-Traer Coal Co., No. 1.....	Fulton.....	3	-----	2,465	-----	2,465
	Chicago, Rock Island & Pacific.....	-----	-----	500,614	977,388	-----	1,478,002
2-1	Buffalo Rock Coal Co.....	LaSalle.....	1	6,472	361	-----	6,833
2-2	Central State Collieries Co.....	Fulton.....	3	-----	6,147	-----	6,147
2-1	Crescent Mining Co., No. 1.....	Peoria.....	2	-----	439,356	-----	439,356
2-2	Crescent Mining Co., No. 6.....	Peoria.....	2	-----	348,018	-----	348,018
2-1	Midland Electric Coal Cos., No. 1.....	Henry.....	1	417,171	177,807	-----	594,978
2-1	Midland Electric Coal Cos., No. 2.....	Fulton.....	3	-----	5,297	-----	5,297
2-5	Osage Coal Co.....	LaSalle.....	1	22,506	-----	-----	22,506
2-3	Peabody Coal Co., No. 8.....	Christian.....	4	-----	402	-----	402
2-3	Peru Deep Vein Coal Co.....	LaSalle.....	1	12,586	-----	-----	12,586
2-1	Spring Valley Coal Mining Co.....	Bureau.....	1	155	-----	-----	155
2-3	Union Coal Co.....	LaSalle.....	1	39,323	-----	-----	39,323
2-1	Wilmington Coal Mines, Inc.....	LaSalle.....	1	2,401	-----	-----	2,401
	Wabash.....	-----	-----	468,315	863,999	-----	1,332,314
2-1	Consolidated Coal Co., No. 7.....	Macoupin.....	6	125,377	194,818	-----	320,195
2-2	Consolidated Coal Co., No. 15.....	Macoupin.....	6	140,549	206,208	-----	346,757
2-3	Mine B Coal Co.....	Sangamon.....	4	400	2,049	-----	2,449
2-6	Mt. Olive & Staunton Coal Co., No. 2.....	Madison.....	7	-----	176,404	-----	176,404
2-4	Panther Creek Mines, Inc., No. 4.....	Sangamon.....	4	1,542	11,290	-----	12,832
2-4	Panther Creek Mines, Inc., No. 5.....	Sangamon.....	4	2,584	24,006	-----	26,590
2-3	Peabody Coal Co., No. 7.....	Christian.....	4	-----	3,164	-----	3,164
2-3	Peabody Coal Co., No. 9.....	Christian.....	4	-----	35,608	-----	35,608
2-3	Peabody Coal Co., No. 24.....	Vermilion.....	5	80,324	24,992	-----	105,316
2-5	Peabody Coal Co., No. 53.....	Sangamon.....	4	56,633	157,226	-----	213,859
2-5	Peabody Coal Co., No. 57.....	Sangamon.....	4	400	-----	-----	400
2-5	Peabody Coal Co., No. 58.....	Christian.....	4	58,797	16,749	-----	75,546
2-4	Tilton Mining Co.....	Vermilion.....	5	1,709	11,485	-----	13,194
	Elgin, Joliet & Eastern.....	-----	-----	404,896	350,945	-----	755,841
2-1	United States Fuel Co., Bun.....	Vermilion.....	5	404,896	350,945	-----	755,841
	Chicago & Alton.....	-----	-----	478,874	232,755	-----	711,629
2-10	Lincoln Liquidating Corp.....	Macoupin.....	6	645	14,567	-----	15,212
2-1	Mine B Coal Co.....	Sangamon.....	4	6,165	4,658	-----	10,823
2-1	Northern Illinois Coal Corp., No. 10.....	Will.....	1	329,934	24,963	-----	354,897
2-3	Panther Creek Mines, Inc., No. 4.....	Sangamon.....	4	12,236	15,215	-----	27,451

TABLE 20—Continued.

Mine index number.	Railroad and mines served.	County.	District No.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
4	Panther Creek Mines, Inc., No. 5	Sangamon	4	125,856	56,883		182,739
4	Peabody Coal Co., No. 7	Christian	4		2,520		2,520
4	Peabody Coal Co., No. 9	Christian	4		4,989		4,989
5	Peabody Coal Co., No. 53	Sangamon	4	1,698	749		2,447
5	Peabody Coal Co., No. 58	Christian	4		1,733		1,733
6	St. Louis Coal Co.	Randolph	9		4,700		4,700
10	Viriden Mining Co.	Macoupin	6	2,340	101,778		104,118
	Athison, Topeka & Santa Fe			353,084	309,274		662,358
2	Central State Collieries Co.	Fulton	3		11,665		11,665
2	Little John Coal Co.	Knox	3		105,641		105,641
1	Northern Illinois Coal Corp., No. 10	Will	1	353,034	191,968		545,002
2	W. G. Sutton	Woodford	2	50			50
	Minneapolis & St. Louis			461,906	184,401		646,307
5	Golden Rule Coal Co.	Fulton	3		11,488		11,488
6	Illinois Colliery Co.	Fulton	3		182		182
7	Midland Electric Coal Co., No. 2	Fulton	3	461,906	136,996		598,902
12	Truax-Traer Coal Co., No. 1	Fulton	3		1,708		1,708
13	Truax-Traer Coal Co., No. 2	Fulton	3		34,027		34,027
	Illinois Terminal Co.			452,518	69,250		521,768
2	Chicopee Coal Co.	Madison	7	1,415			1,415
3	Gillespie Coal Co.	Macoupin	6	103,675	59,800		163,475
1	Hillsboro Mining Co.	Montgomery	6		101		101
5	Madison County Coal & Mining Co.	Madison	7	200,929			200,929
3	Panther Creek Mines, Inc., No. 4	Sangamon	4	1,861			1,861
4	Panther Creek Mines, Inc., No. 5	Sangamon	4	3,066			3,066
2	Peabody Coal Co., No. 24	Vermilion	5	16,809			16,809
5	Peabody Coal Co., No. 53	Sangamon	4	1,731			1,731
6	Peabody Coal Co., No. 57	Sangamon	4	69,824			69,824
10	Perry Coal Co., St. Ellen	St. Clair	8	29,039	9,119		38,158
11	Prairie Coal Co.	St. Clair	8	20,052			20,052
6	Skelton Coal Co.	Vermilion	5	2,500			2,500
5	South Mine Co.	Macoupin	6	1,617			1,617
7	Southwestern Illinois Coal Corp.	Randolph	9		230		230
	Mobile & Ohio			231,890	276,211		508,101
5	Moffat Coal Co., No. 1	Randolph	9	2,454	137,739		140,193
15	Moffat Coal Co., No. 2	Randolph	9	1,493	36,033		37,526
7	Southwestern Illinois Coal Corp.	Randolph	9	227,943	102,439		330,382
	Galesburg & Great Eastern			469,430	2,844		472,274
2	Little John Coal Co.	Knox	3	469,430	2,844		472,274
	Chicago & Eastern Illinois			332,029	113,537		445,566
3	Chicago, Wilmington & Franklin Coal Co., No. 1	Franklin	10	19,720	9,824		29,544
4	Chicago, Wilmington & Franklin Coal Co., No. 2	Franklin	10	43,632	15,254		58,886
2	Consolidated Coal Co., Jefferson No. 20	Jefferson	10	2,379	281		2,660
3	Livingston-Mt. Olive Coal Co., No. 2	Madison	7	36,572	10,338		46,910
3	Nokomis Coal Co.	Montgomery	6	91,289	25,170		116,459
8	Old Ben Coal Corp., No. 8	Franklin	10	16,949	9,256		26,205
11	Old Ben Coal Corp., No. 15	Franklin	10	17,208	5,505		22,713
12	Peabody Coal Co., No. 18	Franklin	10	52,384	37,909		90,293
12	Peabody Coal Co., No. 24	Vermilion	5	51,717			51,717
5	Spillertown Mining Co.	Williamson	12	179			179
	Springfield Terminal			355,238	47,766	785	403,789
7	Peabody Coal Co., No. 59	Sangamon	4	355,238	47,766	785	403,789
	Litchfield & Madison			392,293	8,884		401,177
1	Consolidated Coal Co., No. 7	Macoupin	6	584			584
6	Mt. Olive & Staunton Coal Co., No. 2	Madison	7	391,709	8,884		400,593

TABLE 20—Continued.

Mine index number.	Railroad and mines served.	County.	District No.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
	St. Louis & O'Fallon.....			147,347	211,009	1,524	359,880
2-13	St. Louis & O'Fallon Coal Co., No. 2.....	St. Clair.....	8	147,347	211,009	1,524	359,880
	Chicago Great Western.....				344,710		344,710
2-2	Central State Collieries Co.....	Fulton.....	3		98,998		98,998
2-3	Hillsboro Mining Co.....	Montgomery.....	6		59		59
2-3	Little John Coal Co., No. 5.....	Knox.....	3		24,997		24,997
2-3	Livingston-Mt. Olive Coal Co.....	Madison.....	7		11,468		11,468
2-3	Mt. Olive & Staunton Coal Co.....	Madison.....	7		16,354		16,354
2-3	Osage Coal Co.....	LaSalle.....	1		294		294
2-10	Pschirrer & Sons Coal Co., No. 3.....	Fulton.....	3		16,106		16,106
2-13	Pyramid Coal Corp.....	Perry.....	9		92,557		92,557
2-12	Truax-Traer Coal Co., No. 1.....	Fulton.....	3		64,673		64,673
2-13	Truax-Traer Coal Co., No. 2.....	Fulton.....	3		19,204		19,204
	Pennsylvania.....			182,116	82,495		264,611
2-1	Burn Well Coal Co.....	Madison.....	7	2,512			2,512
2-1	Illinois-Pocahontas Coal Co.....	Bond.....	7	41,584	24,518		66,102
2-4	Lumaghi Coal Co., No. 2.....	Madison.....	7	138,020	32,782		170,802
2-7	Mulberry Hill Coal Co.....	St. Clair.....	8		3,477		3,477
2-10	Pschirrer & Sons Coal Co., No. 3.....	Fulton.....	3		3,054		3,054
2-7	Southwestern Illinois Coal Corp.....	Randolph.....	9		4,861		4,861
2-12	Truax-Traer Coal Co., No. 1.....	Fulton.....	3		6,453		6,453
2-13	Truax-Traer Coal Co., No. 2.....	Fulton.....	3		7,350		7,350
	New York Central.....			58,790	192,566		251,356
2-56	Grape Creek Mining Co.....	Vermilion.....	5	6,620	588		7,208
2-1	Hillsboro Mining Co.....	Montgomery.....	6		15,286		15,286
2-3	Livingston-Mt. Olive Coal Co.....	Madison.....	7	52,170	15,920		68,090
2-2	Peabody Coal Co., No. 24.....	Vermilion.....	5		160,772		160,772
	Chicago, Springfield & St. Louis.....			39,073	121,259		160,332
2-1	Central Illinois Mining Co., "A".....	Sangamon.....	4	31,879	121,259		153,138
2-2	Mine B Coal Co.....	Sangamon.....	4	2,565			2,565
2-3	Panther Creek Mines, Inc., No. 4.....	Sangamon.....	4	234			234
2-4	Panther Creek Mines, Inc., No. 5.....	Sangamon.....	4	1,775			1,775
2-6	Peabody Coal Co., No. 57.....	Sangamon.....	4	2,620			2,620
	Caseyville.....			95,846	31,772		127,620
2-5	Gundlach Coal Co.....	St. Clair.....	8	95,846	31,772		127,620
	Peoria & Eastern.....			107,322	5,172		112,494
2-3	F. C. Morgan Coal Co.....	Vermilion.....	5	107,322	5,172		112,494
	Baltimore & Ohio.....			19,344	57,079		76,423
2-1	Beckemeyer Coal Co.....	Clinton.....	8	3,571			3,571
2-2	Citizens Coal Co.....	Clinton.....	8	5,990			5,990
2-1	H. & H. Coal Co.....	White.....	11	353			353
2-1	Pana Coal Co.....	Christian.....	4	297			297
2-3	Panther Creek Mines, Inc., No. 4.....	Sangamon.....	4	191			191
2-4	Panther Creek Mines, Inc., No. 5.....	Sangamon.....	4	711			711
2-2	Peabody Coal Co., No. 7.....	Christian.....	4		6,072		6,072
2-4	Peabody Coal Co., No. 9.....	Christian.....	4		22,694		22,694
2-5	Peabody Coal Co., No. 53.....	Sangamon.....	4		3,723		3,723
2-6	Peabody Coal Co., No. 57.....	Sangamon.....	4	6,100	9,150		15,250
2-5	Peabody Coal Co., No. 58.....	Christian.....	4		15,440		15,440
2-6	Penwell Coal Mining Co.....	Christian.....	4	2,131			2,131
	C. M. St. P. & P.....			36,687	33,379		70,066
2-1	Lincoln City Coal Co., Inc.....	Edgar.....	5	36,687	33,379		70,066
	B. & O. C. T. Ry.....				63,425		63,425
2-1	Northern Illinois Coal Corp., No. 10.....	Will.....	1		63,425		63,425

TABLE 20—Continued.

Mine index number.	Railroad and mines served.	County.	District No.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
	Belt Railway.....				48,854		48,854
S-2	Central State Collieries.....	Fulton	3		2,541		2,541
S-3	Livingston-Mt. Olive Coal Co.....	Madison	7		1,840		1,840
S-1	Midland Electric Coal Co., No. 1.....	Henry	1		15,563		15,563
S-10	Northern Illinois Coal Corp., No. 10.....	Will	1		13,231		13,231
S-10	Pschirrer & Sons Coal Co., No. 3.....	Fulton	3		1,337		1,337
S-4	Tilton Mining Co.....	Vermilion	5		10,398		10,398
S-12	Truax-Traer Coal Co., No. 1.....	Fulton	3		3,944		3,944
	Peoria Terminal Co.....			28,957	4,650		33,607
S-1	Crescent Mining Co., No. 1.....	Peoria	2	1,842	874		2,716
S-2	Crescent Mining Co., No. 6.....	Peoria	2	27,115	3,776		30,891
	Missouri & Illinois.....			12,095	19,665		31,760
S-16	Coulterville Coal Co.....	Perry	9	8,008	7,459		15,467
S-3	Ill-Mo Coal Co.....	Randolph	9	4,087	4,381		8,468
S-7	Southwestern Illinois Coal Corp.....	Randolph	9		7,825		7,825
	Erie.....				14,478		14,478
S-6	Mt. Olive & Staunton Coal Co., No. 2.....	Madison	7		14,478		14,478
	Terminal Railroad Association.....				14,127		14,127
S-6	Mt. Olive & Staunton Coal Co., No. 2.....	Madison	7		5,783		5,783
S-7	Mulberry Hill Coal Co.....	St. Clair	8		2,742		2,742
S-7	Southwestern Illinois Coal Corp.....	Randolph	9		5,602		5,602
	I. H. B.....				13,067		13,067
S-7	Midland Electric Coal Co., No. 2.....	Fulton	3		13,067		13,067
	Alton & Southern.....				10,602		10,602
S-8	Marissa Coal Co.....	St. Clair	8		194		194
S-2	Mt. Olive & Staunton Coal Co., No. 2.....	Madison	7		2,011		2,011
S-7	Mulberry Hill Coal Co.....	St. Clair	8		2,736		2,736
S-6	St. Louis Coal Co.....	Randolph	9		2,400		2,400
S-7	Southwestern Illinois Coal Corp.....	Randolph	9		3,261		3,261
	Louisville & Nashville.....			3,899	3,866	4,090	11,855
S-14	Service Coal Co.....	St. Clair	8	668			668
S-21	Mascoutah Coal & Mining Co.....	St. Clair	8	94			94
S-21	Clarkson Coal & Mining Co.....	Washington	9	1,017	3,761	4,090	8,868
S-20	White Coal Co.....	St. Clair	8	2,120	105		2,225
	Off Line.....			640	7,458		8,098
S-2	Indiana & Illinois Coal Corp., No. 10.....	Montgomery	6	640	7,458		8,098
	Toledo, Peoria & Western.....				7,347		7,347
S-2	Central State Collieries.....	Fulton	3		2,460		2,460
S-10	Pschirrer & Sons Coal Co., No. 3.....	Fulton	3		112		112
S-12	Truax-Traer Coal Co., No. 1.....	Fulton	3		4,375		4,375
S-13	Truax-Traer Coal Co., No. 2.....	Fulton	3		400		400
	New York, Chicago & St. Louis.....				6,539		6,539
S-2	Peabody Coal Co., No. 24.....	Vermilion	5		6,271		6,271
S-6	Mt. Olive & Staunton Coal Co., No. 2.....	Madison	7		268		268
	Lake Erie & Western.....				5,672		5,672
S-5	Osage Coal Co.....	LaSalle	1		1,238		1,238
S-2	Central State Collieries.....	Fulton	3		1,608		1,608
S-12	Truax-Traer Coal Co., No. 1.....	Fulton	3		1,050		1,050
S-13	Truax-Traer Coal Co., No. 2.....	Fulton	3		1,776		1,776

TABLE 20—Concluded.

Mine index number.	Railroad and mines served.	County.	District No.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
	Minn. Transfer.....				4,268		4,268
S-7	Midland Electric Coal Co., No. 2.....	Fulton.....	3		4,268		4,268
	St. Louis & San Francisco.....				3,189		3,189
S-7	Southwestern Illinois Coal Corp.....	Randolph.....	9		3,189		3,189
	B. R. C.....				3,092		3,092
S-13	Truax-Traer Coal Co., No. 2.....	Fulton.....	3		3,092		3,092
	Peoria & Pekin Union.....				2,579		2,579
S-1	Lake Erie Mining Co.....	Tazewell.....	2		2,579		2,579
	N. Y. C. Englewood.....				2,572		2,572
S-1	Hillsboro Mining Co.....	Montgomery.....	6		2,572		2,572
	St. Louis Southwestern.....				1,598		1,598
S-1	Marvel Coal Co.....	Williamson.....	12		1,598		1,598
	B. M. & N. W.....				794		794
S-7	Midland Electric Coal Co., No. 2.....	Fulton.....	3		794		794
	C. W. P. & S.....				727		727
S-2	Central State Collieries.....	Fulton.....	3		727		727
	St. Paul Union.....				677		677
S-2	Central State Collieries.....	Fulton.....	3		677		677
	M. C.....				637		637
S-1	Hillsboro Mining Co.....	Montgomery.....	6		637		637
	Illinois Northern.....				636		636
S-2	Central State Collieries.....	Fulton.....	3		636		636
	W. C. F. & N.....				537		537
S-2	Central State Collieries.....	Fulton.....	3		56		56
S-7	Southwestern Illinois Coal Corp.....	Randolph.....	9		481		481
	R. I. S.....				478		478
S-12	Truax-Traer Coal Co., No. 1.....	Fulton.....	3		54		54
S-13	Truax-Traer Coal Co., No. 2.....	Fulton.....	3		424		424
	Southern.....			353			353
S-17	Southern Coal, Coke & Mining Co., No. 7.....	St. Clair.....	8	353			353
	C. St. P. M. & O.....				105		105
S-7	Midland Electric Coal Co., No. 2.....	Fulton.....	3		105		105
	Tri-City.....				112		112
S-2	Central State Collieries.....	Fulton.....	3		112		112
	Chicago Short Line.....				102		102
S-13	Truax-Traer Coal Co., No. 2.....	Fulton.....	3		102		102
	The State.....			26,007,051	12,205,769	51,018	38,263,838

TABLE 21—RAILROADS HANDLING THE COAL OF SHIPPING MINES.

Railroads.	Number of—		Total tons handled by railroads.	Tons shipped.	Tons sold to railroads.	Tons supplied to loco-motives.	Per cent handled by each railroad.
	Counties.	Mines.					
The State.....	29	146	38,263,838	26,007,051	12,205,769	51,018	100.0
Illinois Central.....	16	55	7,858,211	6,345,200	1,468,392	44,619	20.5
Chicago, Burlington & Quincy.....	7	27	6,343,464	4,574,881	1,768,583	-----	16.6
Missouri Pacific.....	6	29	3,996,315	2,857,105	1,139,210	-----	10.4
Chicago & Illinois Midland.....	2	8	3,962,782	3,875,433	87,349	-----	10.3
Chicago, Cincinnati, Cleveland & St. Louis.....	3	15	3,462,970	2,720,008	742,962	-----	9.0
Chicago & Northwestern.....	5	13	2,241,591	866	2,240,725	-----	5.9
Chicago, Rock Island & Pacific.....	6	12	1,478,002	500,614	977,388	-----	3.9
Wabash.....	5	13	1,332,314	468,315	863,999	-----	3.5
Elgin, Joliet & Eastern.....	1	1	755,841	404,896	350,945	-----	2.0
Chicago & Alton.....	5	10	711,629	478,874	232,755	-----	1.9
Atchison, Topeka & Sante Fe.....	4	4	662,358	353,084	309,274	-----	1.7
Minneapolis & St. Louis.....	1	5	646,307	461,906	184,401	-----	1.7
Illinois Terminal Co.....	7	14	521,768	432,518	69,250	-----	1.4
Mobile & Ohio.....	1	3	508,101	231,890	276,211	-----	1.3
Galesburg & Great Eastern.....	1	1	472,274	469,430	2,844	-----	1.2
Chicago & Eastern Illinois.....	6	10	445,566	332,029	113,537	-----	1.2
Springfield Terminal.....	1	1	403,789	355,238	47,766	785	1.1
Litchfield & Madison.....	2	2	401,177	392,293	8,884	-----	1.0
St. Louis & O'Fallon.....	1	1	359,880	147,347	211,009	1,524	.9
Chicago Great Western.....	6	10	344,710	-----	344,710	-----	.9
Pennsylvania.....	5	8	264,611	182,116	82,495	-----	.7
New York Central.....	3	4	251,356	58,790	192,566	-----	.7
Chicago, Springfield & St. Louis.....	1	5	160,332	39,073	121,259	-----	.4
Caseyville.....	1	1	127,620	95,848	31,772	-----	.3
Peoria & Eastern.....	1	1	112,404	107,322	5,172	-----	.3
Baltimore & Ohio.....	4	12	76,423	19,344	57,079	-----	.2
C. M. St. P. & P.....	1	1	70,066	36,687	33,379	-----	.2
B. & O. C. T. Ry.....	1	1	63,425	-----	63,425	-----	.2
Belt Railway.....	5	7	48,854	-----	48,854	-----	.1
Peoria Terminal Railway.....	1	2	33,607	28,957	4,650	-----	.1
Missouri & Illinois.....	2	3	31,760	12,095	19,665	-----	.1
Erie.....	1	1	14,478	-----	14,478	-----	.1
Terminal Railroad Assn.....	3	3	14,127	-----	14,127	-----	.1
I. H. B.....	1	1	13,067	-----	13,067	-----	.1
Alton & Southern.....	3	5	10,602	-----	10,602	-----	.1
Louisville & Nashville.....	2	4	11,855	3,899	3,866	4,090	.1
Off Line.....	1	1	8,098	640	7,458	-----	.1
Toledo, Peoria & Western.....	1	4	7,347	-----	7,347	-----	.1
New York, Chicago & St. Louis.....	2	2	6,539	-----	6,539	-----	.1
Lake Erie & Western.....	2	4	5,672	-----	5,672	-----	.1
Minn. Transfer.....	1	1	4,268	-----	4,268	-----	.1
St. Louis & San Francisco.....	1	1	3,189	-----	3,189	-----	.1
B. R. C.....	1	1	3,092	-----	3,092	-----	.1
Peoria & Pekin Union.....	1	1	2,579	-----	2,579	-----	.1
N. Y. C. Englewood.....	1	1	2,572	-----	2,572	-----	.1
St. Louis Southwestern.....	1	1	1,598	-----	1,598	-----	.1
B. M. & N. W.....	1	1	794	-----	794	-----	.1
C. W. P. & S.....	1	1	727	-----	727	-----	.1
St. Paul Union.....	1	1	677	-----	677	-----	.1
M. C.....	1	1	637	-----	637	-----	.1
Illinois Northern.....	1	1	636	-----	636	-----	.1
W. C. F. & N.....	2	2	537	-----	537	-----	.1
R. I. S.....	1	2	478	-----	478	-----	.1
Southern.....	1	1	253	355	-----	-----	.1
C. St. P. M. & O.....	1	1	105	-----	105	-----	.1
Tri City.....	1	1	112	-----	112	-----	.1
Chicago Short Line.....	1	1	102	-----	102	-----	.1

SPECIAL PREPARATION PLANTS.

Name of operator.	Address.	Type and make of machine.	Tonnage prepared.
Bankston Creek Collieries, No. 4.....	Harrisburg.....	Shipped to Central Washing Plant.....	-----
Bankston Creek Collieries, No. 5.....	Harrisburg.....	Shipped to Central Washing Plant.....	-----
Bankston Creek Collieries, No. 6.....	Carrier Mills.....	Shipped to Central Washing Plant.....	-----
Bell & Zoller Coal & Mining Co., No. 1.....	Zeigler.....	Chance Flotation Process.....	-----
Bell & Zoller Coal & Mining Co., No. 2.....	Zeigler.....	Chance Flotation Process.....	-----
Blue Bird Coal Co., No. 6.....	Carrier Mills.....	Washer and deduster.....	-----
Central State Collieries.....	St. David.....	Link Belt Norton Washer.....	180 tons per hour.
Central Washing Plant.....	Carrier Mills.....	Washer.....	566,244 tons.
Chicago, Wilmington & Franklin Coal Co., No. 1.....	Orient.....	Deduster.....	-----
Chicago, Wilmington & Franklin Coal Co., No. 2.....	West Frankfort.....	Deduster.....	-----
Consolidated Coal Co., Buckhorn.....	Herrin.....	Deduster.....	-----
Consolidated Coal Co., New Monarch.....	Herrin.....	Rescreener, 3' and under.....	-----
Consolidated Coal Co., No. 7.....	Staunton.....	Jig type washer.....	426,679 tons.
Consolidated Coal Co., No. 15.....	Mt. Olive.....	Chemically treated, oiled and curbed.....	-----
Consolidated Coal Co., No. 20.....	Nason.....	Rescreener-50% dedusted.....	-----
Delta Coal Mining Co.....	Marion.....	Simon-Carves Link Belt wet washer.....	319,242 tons.
Franklin County Coal Corp., No. 5.....	Herrin.....	Deduster.....	-----
Franklin County Coal Corp., No. 7.....	Royalton.....	Wet washer—Koppers Rheolaveur 3' x 0 coal.....	300 tons per hour.
Freeman Coal Mining Co.....	Herrin.....	Vibrating screen deduster.....	760 tons.
Little John Coal Co.....	Victoria.....	Jeffrey Baum Jig Washer.....	602,912 tons.
Lumaghi Coal Co., No. 2.....	Collinsville.....	Water washed, 3½" minus.....	-----
Marion County Coal Co.....	Centralia.....	Menzie Hydro.....	52,490 tons.
Midland Electric Coal Corp., No. 1.....	Atkinson.....	Montgomery Multi-Pulse Wash boxes preparing minus 3" coal.....	-----
Midland Electric Coal Corp., No. 2.....	Farmington.....	Link-Belt Simon-Carves wash boxes for minus 4"; Kopper-Rheolaveur for minus 1/16" x 1/32"; Bixby dryers for minus ¾" coal.....	-----
Moffat Coal Co., No. 1.....	Sparta.....	Link-Belt Simon-Carves, 6" x 0.....	200 tons per hour.
Moffat Coal Co., No. 2.....	Sparta.....	Link-Belt Simon-Carves, 6" x 0.....	200 tons per hour.
F. C. Morgan Coal Co.....	Millstadt.....	Jeffrey Washer.....	92,282 tons.
Mt. Olive & Staunton Coal Co., No. 2.....	Staunton.....	Jeffrey Washer—Baum Type.....	384,103 tons.
Niles Washer.....	Marissa.....	Washer.....	3,525 tons.
Northern Illinois Coal Corp., No. 10.....	Wilmington.....	Kopper-Rheolaveur.....	848,840 tons.
Old Ben Coal Corp., No. 8.....	West Frankfort.....	Automatic Chloride Washer.....	92,557 tons.
Old Ben Coal Corp., No. 11.....	Coello.....	Automatic Chloride Washer.....	179,504 tons.
Old Ben Coal Corp., No. 14.....	Buckner.....	Automatic Chloride Washer.....	161,823 tons.
Old Ben Coal Corp., No. 15.....	West Frankfort.....	Automatic Chloride Washer.....	200,153 tons.
Peabody Coal Co., No. 14.....	DuQuoin.....	Norton washer.....	395,805 tons.
Peabody Coal Co., No. 18.....	West Frankfort.....	Washer.....	381,525 tons.
Peabody Coal Co., No. 24.....	Danville.....	Hydro washing plant.....	442,408 tons.
Peabody Coal Co., No. 43.....	Harrisburg.....	Sent to preparation plant at No. 47.....	-----
Peabody Coal Co., No. 47.....	Hareo.....	Washer and deduster.....	441,559 tons.
Peabody Coal Co., No. 53.....	Springfield.....	Jeffrey type FB2 Vibrator screen No. 1; 2 R. & H. dustolators.....	-----
Peabody Coal Co., No. 57.....	Springfield.....	1 Vibrator and 4 dustolators.....	-----
Perry Coal Co., St. Ellen.....	O'Fallon.....	Jeffrey Baum Jig Type washing 4" x 0 sizing 4 x 2—2 x 1½—1½ Screenings—1½ x ¾—¾ x 5/16— and 5/16.....	-----
Pschirrer & Sons Coal Co., No. 3.....	Canton.....	Viking dual system—wax plant for dedusting.....	60% treated.
Pyramid Coal Corp.....	Pinckneyville.....	McNally-Pittsburgh Washer.....	1,000 tons per hour.
Rex Coal Co., No. 2.....	Eldorado.....	Deduster.....	500 tons daily.
Sahara Coal Co., No. 1.....	Harrisburg.....	Sent to Central Washing Plant.....	-----
Sahara Coal Co., No. 10.....	Harrisburg.....	Sent to Central Washing Plant.....	-----

SPECIAL PREPARATION PLANTS—Concluded.

Name of operator.	Address.	Type and make of machine.	Tonnage prepared.
St. Louis Coal Co.	Coulterville.	Washer.	108,970 tons.
St. Louis & O'Fallon Coal Co.	East St. Louis.	McNally-Norton Washer.	53,235 tons.
Schubert Coal Co.	Mascoutah.	Montgomery Jig type washer.	10,330 tons.
Service Coal & Mining Co.	Belleville.	Washer up to 3".	200 tons per hour.
Seymour Coal Mining Co.	Herrin.	Vibrating screen deduster.	50%.
Southern Coal, Coke & Mining Co., No. 7.	Belleville.	Washer-Flotation type.	975 tons.
Southwestern Illinois Coal Corp.	Percy.	Norton wash boxes, all under 6".	
Truax-Traer Coal Co., No. 2.	Fiatt.	McNally-Pittsburgh wet washer tonnage 6"—0 is washed McNally-Pittsburgh dryer—tonnage from $\frac{1}{4}$ to 0 dried.	
Truax-Traer Coal Co., No. 2.	Elkville.	Washer—all sizes from 7" down.	22,102 tons.
Union Colliery Co.	Dowell.	Air cleaning plant.	13,139 tons.
United Electric Coal Cos., No. 11.	DuQuoin.	Koppers-Rheolaveur.	727,737 tons.
United Electric Coal Cos., No. 13.	Freeburg.	Shipped and washed at No. 11.	12,843 tons.
United Electric Coal Cos., No. 17.	Canton.	Koppers-Rheolaveur.	534,211 tons.
White Coal Co.	Belleville.	Washer.	50% of tonnage.

TABLE 22—METHODS OF MINING—NUMBER OF MINES, MACHINES, AND TONS BY EACH METHOD—SHIPPING MINES BY DISTRICTS AND LOCAL MINES FOR THE STATE.

District.	Machine exclusively.			Hand exclusively.		Hand and machine.			Strip mines.	
	Mines.	Machines.	Tons.	Mines.	Tons.	Mines.	Machines.	Tons.	Mines.	Tons.
First.	2	7	171,785	2	72,439				5	1,919,245
Second.	3	41	896,953	1	41,671				7	3,789,247
Third.	4	11	221,714							
Fourth.	8	47	5,258,673	4	571,633	1	1	90,533		
Fifth.	4	57	1,522,037			1	3	39,829	3	210,651
Sixth.	13	64	4,158,023							
Seventh.	8	54	1,829,983							
Eighth.	7	27	999,421	9	278,380	1	2	77,679	1	230,508
Ninth.	11	78	2,323,755	6	130,347	2	3	77,251	5	3,725,472
Tenth.	13	186	8,773,993							
Eleventh.	11	147	2,869,688						1	754,910
Twelfth.	8	27	1,286,042	1	6,700				4	665,514
Total.	92	746	30,312,078	23	1,101,190	5	9	285,292	26	11,295,547
Local mines.	97	149	1,750,353	621	1,591,303	32	35	301,531	80	990,155
The State.	189	895	32,062,431	644	2,692,493	37	44	586,823	106	12,285,702

TABLE 23—UNDERGROUND HAULAGE IN SHIPPING MINES—BY DISTRICTS.

District.	Motors only.			Mules only.			Motors and mules.			
	Number of—			Number of—			Number of—			
	Mines.	Motors.	Tons hauled.	Mines.	Mules.	Tons hauled.	Mines.	Motors.	Mules.	Tons hauled.
First.....	—	—	—	2	56	72,439	2	3	52	171,785
Second.....	1	5	10,462	—	—	—	2	14	84	928,167
Third.....	—	—	—	1	5	16,796	—	8	25	204,918
Fourth.....	4	117	4,048,703	—	—	—	2	39	227	1,872,156
Fifth.....	1	26	771,808	—	6	45,011	2	36	24	745,047
Sixth.....	8	155	3,620,396	1	4	21,478	2	39	60	1,396,649
Seventh.....	2	21	407,576	1	7	25,760	15	42	88	1,030,327
Eighth.....	2	15	325,153	—	—	—	9	47	64	1,072,334
Ninth.....	2	49	1,290,583	2	31	167,836	1	9	42	535,686
Tenth.....	12	402	8,238,207	—	—	—	2	38	69	595,231
Eleventh.....	8	114	2,474,449	—	—	—	4	20	21	769,553
Twelfth.....	2	23	492,438	2	13	30,891	—	—	—	—
Total.....	42	927	21,680,035	18	122	380,211	60	303	793	9,638,314

TABLE 24—NUMBER OF MINES OPERATED AND TOTAL TONS MINED; STRIP MINES AND OUTPUT; NUMBER OF MINES USING MACHINES, NUMBER USED AND TONNAGE UNDERCUT; NUMBER OF MINES USING MOTORS FOR UNDERGROUND HAULAGE, NUMBER OF MOTORS USED AND TONS HAULED; ALSO THE PERCENTAGE OF EACH CLASS—SHIPPING MINES BY YEARS 1907-1939.

Year.	Mines operated.	Total tons mined.	Mined in strip mines.				Machine mining.				Motor hauling.			
			Number of—		Per cent of—		Number of—		Per cent of—		Number of—		Per cent of—	
			Mines.	Tons mined.	Mines.	Tons mined.	Mines using.	Machines used.	Tons undercut.	Mines.	Tons undercut.	Mines using.	Motors used.	Tons hauled.
1907.....	411	46,436,839	—	—	—	—	101	1,105	14,490,454	24.6	31.2	75	129	16,542,575
1908.....	407	47,809,730	—	—	—	—	105	1,160	15,210,443	25.7	31.8	88	185	19,024,665
1909.....	384	47,958,562	—	—	—	—	107	1,246	16,407,692	27.9	34.2	96	210	21,892,462
1910.....	350	47,225,201	—	—	—	—	114	1,289	18,176,254	29.2	38.5	106	229	23,204,480
1911.....	387	48,758,637	1	45,153	3	1	126	1,430	19,998,259	32.6	41.0	137	316	29,310,173
1912.....	380	56,096,695	5	53,762	1.3	1	129	1,581	25,550,059	34.4	45.5	165	381	37,958,050
1913.....	371	60,515,416	4	117,790	1.1	2	140	1,689	30,228,520	38.1	50.0	185	466	46,194,737
1914.....	340	59,379,182	4	181,520	1.2	3	141	1,828	31,446,823	41.2	53.1	191	540	47,485,729
1915.....	280	56,172,556	2	195,456	1.7	3	131	1,686	34,057,426	47.1	60.8	173	604	47,239,554
1916.....	284	62,283,236	2	344,372	1.1	6	139	1,817	39,312,376	49.9	63.5	176	648	53,140,005
1917.....	324	77,412,054	2	419,347	1.5	6	151	1,920	47,232,880	47.3	61.3	206	774	67,199,786
1918.....	370	88,306,228	2	498,375	1.1	6	174	2,054	50,027,491	47.5	57.0	249	960	77,662,619
1919.....	373	75,751,721	3	393,894	1.8	5	197	2,324	42,993,172	53.8	58.6	250	1,144	66,656,930
1920.....	373	72,439,610	3	467,069	1.8	5	208	2,330	45,130,629	56.2	62.6	276	1,228	66,441,191
1921.....	389	78,339,082	3	477,066	1.8	6	235	2,760	50,243,470	60.0	64.6	280	1,406	71,329,567
1922.....	352	61,406,093	5	533,923	1.4	9	205	2,762	41,168,621	59.1	69.3	242	364	55,028,050
1923.....	374	73,410,837	6	895,608	1.6	12	241	3,049	61,057,868	65.5	70.4	285	547	70,783,815
1924.....	329	70,324,363	11	1,184,288	3.3	1	215	3,033	50,064,304	67.6	72.5	259	1,565	65,900,698
1925*.....	155	100,012,299	18	4,722,597	7.1	4	174	2,540	74,826,357	69.6	78.5	195	1,360	92,185,121
1926.....	244	67,836,441	16	3,482,611	6.6	5	149	2,259	50,736,684	65.4	77.8	182	1,288	61,446,775
1927.....	241	44,026,433	15	2,756,410	6.2	6	151	2,397	32,681,281	66.8	77.5	180	1,044	29,459,870
1928.....	206	54,284,184	4	4,113,908	8.5	7	139	2,158	41,499,267	72.4	82.7	158	1,182	49,007,545
1929.....	200	59,075,075	17	5,250,501	8.5	8	139	1,989	45,907,457	76.0	85.3	156	1,281	52,426,318
1930.....	185	51,996,608	15	6,220,336	8.1	12	129	1,606	40,015,407	75.9	87.2	133	1,201	41,181,378
1931.....	167	43,073,058	16	6,548,798	9.6	15	111	1,385	32,587,944	73.5	89.2	123	1,205	35,459,159
1932.....	162	31,402,399	17	6,228,228	10.5	21	102	1,144	22,165,199	70.3	89.5	124	1,117	24,357,088
1933.....	159	35,390,677	20	5,599,006	12.6	15	94	1,014	26,972,132	67.6	90.5	117	1,044	29,459,870
1934.....	172	38,655,527	26	6,008,219	15.1	15	101	1,042	29,395,102	68.5	97.0	124	1,156	32,738,082
1935.....	182	41,410,414	28	7,481,349	15.4	18	103	1,011	30,857,109	66.9	90.0	122	1,137	33,686,091
1936.....	176	47,285,587	30	8,873,229	17.0	18	108	1,062	35,827,656	74.0	93.3	123	1,240	37,950,347
1937.....	168	48,062,076	30	11,176,074	17.8	23	103	927	34,081,392	61.3	92.3	116	1,288	36,341,172
1938.....	149	38,442,859	25	10,058,999	16.8	26	99	858	26,939,302	66.4	94.9	106	1,251	27,988,918
1939.....	146	42,994,107	26	11,295,547	17.8	26	92	746	30,312,078	63.0	95.6	106	1,230	31,318,349

* From July 1, 1924 to December 31, 1925.

TABLE 25—EXPLOSIVES USED IN STRIP MINES—SHIPPING MINES BY DISTRICTS AND LOCAL MINES FOR THE STATE.

District.	Tons mined by use of explosives.	Explosives used.				Tons mined where no explosives were used.	Total tons in strip mines.
		Powder—kegs.	Permissibles—pounds.	Pellet powder—pounds.	Dynamite—pounds.		
First.....	1,919,245		6,300	145,462	159,350		1,919,245
Second.....							
Third.....	2,488,396	2,090	34,200	20,400	166,125	1,300,881	3,789,247
Fourth.....							
Fifth.....	210,651		6,000	4,550	10,500		210,651
Sixth.....							
Seventh.....							
Eighth.....	230,508			28,650	5,100		230,508
Ninth.....	3,683,550		75,070	224,550	6,565	41,922	3,725,472
Tenth.....							
Eleventh.....	754,910				247,230		754,910
Twelfth.....	665,514			144,635			665,514
Total.....	9,952,774	2,090	121,570	568,297	594,870	1,342,773	11,295,547
Local mines.....	881,822	238	4,620	71,320	109,918	108,333	990,155
The State.....	10,834,596	2,328	126,190	639,617	704,788	1,451,106	12,285,702

TABLE 26—EXPLOSIVES USED IN LOCAL MINES—BY DISTRICTS.

District.	Kind of explosive.				Tons mined by—			Total tons.
	Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Machine.	Hand.	Strip.	
First.....	8,418	126,090	4,747	150	88,075	173,018	178,398	439,401
Second.....	9,593	107,405	50	400	386,589	129,575	10,335	526,499
Third.....	16,755	65,857	1,575		293,935	282,192	107,158	683,285
Fourth.....	20,039	21,550		200	145,979	322,099	2,662	470,740
Fifth.....	7,530	31,010	205	27,545	227,183	118,816	16,225	362,229
Sixth.....	667	25			3,621	19,891	228	23,740
Seventh.....	2,285	15,050			284,876	49,918	900	335,694
Eighth.....	13,108	48,304	108,324	1,500	77,598	324,713	569,888	972,199
Ninth.....	3,228	35,600			60,606	70,212	77,140	207,958
Tenth.....							508	508
Eleventh.....	929	36,874	500		77,231	31,968	4,550	113,749
Twelfth.....	7,006	111,395		420	339,658	135,439	22,163	497,260
Total.....	89,558	599,160	110,401	30,215	1,985,351	1,657,841	990,155	4,633,347

TABLE 27.—SHIPPING MINES USING MECHANICAL LOADING DEVICES.

Number.	Name of operator.	District.	Loading machines.			Pit car loaders and conveyors.			Hand loading.		
			Number in use.	Machine shifts used.	Tonnage loaded.	Number in use.	Machine shifts used.	Tonnage loaded.	Men employed.	Days worked.	Tonnage loaded.
1	Bankston Creek Collieries, No. 4.....	11	2	738	43,928						
2	Bankston Creek Collieries, No. 5.....	11	8	4,800	405,972						
3	Ball & Zeller Coal & Mining Co., No. 1.....	10	20	2,820	1,010,592						
4	Ball & Zeller Coal & Mining Co., No. 2.....	10	16	2,224	805,636						
5	Blue Bird Coal Co., No. 6.....	11	3	800	205,846						
6	Centralia Coal Co., No. 5.....	9	3	847	215,488						
7	Chicago, Wilmington & Franklin Coal Co., No. 1.....	10	14	2,016	715,694						
8	Chicago, Wilmington & Franklin Coal Co., No. 2.....	10	34	4,808	1,363,095						
9	Consolidated Coal Co., No. 7.....	6	8	1,488	472,308						
10	Consolidated Coal Co., No. 15.....	6	10	1,260	390,803						
11	Consolidated Coal Co., Buckhorn.....	12	4	564	190,101						
12	Consolidated Coal Co., New Monarch.....	12	8	928	302,307						
13	Consolidated Coal Co., No. 20.....	10	4	1,088	120,077						
14	Crescent Mining Co., No. 1.....	2	3	1,552	129,041						
15	Franklin County Coal Corp., No. 5.....	10	11	1,872	509,671	2	624	25,169	205	184	317,364
16	Franklin County Coal Corp., No. 7.....	10	7	1,440	544,278	6	1,152	50,355	6	144	9,491
17	Freeman Coal Mining Co.....	12	3	354	36,975				42	59	17,884
18	Gillespie Coal Co.....	6	2	200	40,750	32	5,152	193,343			
19	Groom Coal Co.....	8	2	744	174,315						
20	Gundlach Coal Co.....	8	5								
21	Hillsboro Mining Co.....	6	21	256	73,160	21	23,310	70,929			
22	Indiana & Illinois Coal Corp., No. 10.....	6	8	73	7,953	1	802	9,622			
23	Indiana & Illinois Coal Corp., No. 10.....	6	1	73	7,953	3	141	5,645			
24	Lumaghi Coal Co., No. 2.....	7	2	319	165,888	32	6,088	196,577	20	89	14,014
25	Lumaghi Coal Co., No. 2.....	7	5	16,250	194,327				90	146	36,167
26	Madison County Coal & Mining Co.....	7	5	15,915	175,594				8	190	13,292
27	Marion County Coal Co.....	7	5	725	151,086				3	183	6,436
28	Moffat Coal Co., No. 1.....	9	4	274	41,144						
29	Moffat Coal Co., No. 2.....	9	4	274	41,144						
30	Mt. Olive & Staunton Coal Co., No. 2.....	7	12	2,640	675,947						
31	Mulberry Hill Coal Co.....	7	2	302	58,289	2	302	19,390			
32	Nokomis Coal Co.....	6	6	1,326	569,297						
33	Old Ben Coal Corp., No. 8.....	10	8	966	469,170	8	375	15,001	44	5,808	63,782
34	Old Ben Coal Corp., No. 11.....	10	7	903	433,826				28	3,512	35,842
35	Old Ben Coal Corp., No. 14.....	10	7	821	394,547	13	2,345	93,815	30	5,217	57,382
36	Old Ben Coal Corp., No. 15.....	10	7	893	424,525	15	2,115	82,541	32	3,970	43,671

37	Pana Coal Co.	4	21,664			12	864	21,664			
38	Peabody Coal Co., No. 7	4	1,081,568	19	2,881			1,081,568			
39	Peabody Coal Co., No. 8	4	1,117,976	15	2,992			1,117,976			
40	Peabody Coal Co., No. 9	4	1,097,382	16	3,587			1,092,613			
41	Peabody Coal Co., No. 14	9	535,827	8	1,176	1	1,018	4,769			
42	Peabody Coal Co., No. 18	10	525,683	15	1,980	17	2,499	81,268	70	147	55,129
43	Peabody Coal Co., No. 24	5	685,201	15	2,944			525,683			
44	Peabody Coal Co., No. 24	6	685,201	15	2,944			571,844	5	810	7,017
45	Peabody Coal Co., No. 43	11	325,443	10	1,409			316,510	20	69	8,933
46	Peabody Coal Co., No. 47	11	531,937	11	1,737			494,758	105	145	57,199
47	Peabody Coal Co., No. 53	4	412,035	6	1,099	35	1,096	182,233			
48	Peabody Coal Co., No. 57	4	333,598	8	992	43	2,297	72,276			
49	Peabody Coal Co., No. 58	4	751,777	13	2,138			751,777			
50	Perry Coal Co., No. 59	4	422,673	6	778	43	155	171,269			
51	Rex Coal Co., No. 2	8	267,818	7	1,400			267,818			
52	St. Louis Coal Co.	11	403,849	4	788	15	2,955	191,695			
53	St. Louis & O'Fallon Coal Co., No. 2	9	177,574	6	654	4	436	151,725	14	109	10,232
54	Seymour Coal Mining Co.	8	386,991	5	1,214			386,991			
55	Seymour Coal, Coke & Mining Co., No. 7	12	543,701	6	1,062			460,372	50	177	83,329
56	Southern Coal, Coke & Mining Co., No. 7	8	6,299	10	70			6,299			
57	Superior Coal Co., No. 1	6	414,259	8	1,464			414,259			
58	Superior Coal Co., No. 2	6	514,611	8	1,656			514,611			
59	Superior Coal Co., No. 3	6	544,733	8	1,542			544,733			
60	Superior Coal Co., No. 4	6	631,803	10	2,150			631,803			
61	Union Colliery Co.	9	1,075,095	20	4,080			1,075,095			
62	United States Fuel Co., Bunsenville.	5	771,808	3	767	4	459	12,705	504	70,509	589,053
63	Valley Coal Co.	10	979,294	23	3,281			979,294			
64	Wallace Coal Co.	12	144,402	3	570			144,402			
65	Wasson Coal Co., "A"	11	121,781	3	760			121,781			
66	White Coal Co.	11	415,673	8	1,934			415,673			
		8	28,776	2	262			25,476	3	110	3,300
Totals.....			28,227,313	523	103,604	333	57,998	1,658,137	1,281	91,725	1,430,373

TABLE 28—MECHANICAL LOADING FOR TWELVE YEARS—1928-1939.

Year.	Entire output.			Part of output.			Total.			Per cent of—	
	Mines.	Ma- chines.	Tons loaded.	Mines.	Ma- chines.	Tons loaded.	Mines.	Ma- chines.	Tons loaded.	Mines.	Tons loaded.
1928.....	17	177	2,299,720	37	815	4,442,434	54	992	6,742,154	26.2	12.4
1929.....	22	603	5,882,615	51	1,525	11,947,755	73	2,128	17,830,368	36.5	30.2
1930.....	31	1,307	13,839,912	38	931	9,665,969	69	2,238	23,249,881	37.3	44.7
1931.....	36	1,504	15,138,330	38	916	7,307,452	74	2,420	22,445,782	49.3	52.1
1932.....	41	1,702	10,899,555	27	578	4,513,101	68	2,280	15,412,656	42.0	49.1
1933.....	32	1,313	13,344,573	19	439	4,421,643	51	1,752	17,766,216	32.1	50.2
1934.....	32	1,364	15,107,934	16	257	3,492,240	48	1,621	18,600,174	27.9	48.1
1935.....	33	1,322	16,649,144	21	304	4,002,563	54	1,626	20,651,707	29.7	49.9
1936.....	37	1,210	18,540,558	27	363	6,664,612	64	1,573	25,205,170	36.4	53.3
1937.....	42	1,127	21,192,003	27	329	7,182,359	69	1,456	28,374,362	41.1	59.0
1938.....	45	935	19,360,718	20	222	4,089,756	65	1,157	23,450,474	43.6	61.0
1939.....	47	611	20,023,681	19	245	6,631,983	66	856	26,655,664	45.2	62.0

TABLE 29—METHOD OF LOADING IN SHIPPING MINES FOR TWELVE YEARS—1928-1939.

Year.	Loading machines.			By hand.		Strip mines.		Per cent of output loaded.		
	Mines.	Ma- chines.	Tons loaded.	Mines.	Tons loaded.	Mines.	Tons loaded.	By ma- chine.	By hand.	Strip mines.
1928.....	54	992	6,742,154	137	43,298,013	15	4,244,017	12.4	79.8	7.8
1929.....	73	2,128	17,830,368	160	35,995,126	17	5,250,501	30.2	60.9	8.9
1930.....	69	2,238	23,249,881	139	22,526,391	15	6,220,336	44.7	43.3	12.0
1931.....	74	2,420	22,445,782	114	14,078,400	16	6,548,798	52.1	32.7	15.2
1932.....	68	2,280	15,412,656	104	9,361,515	17	6,628,228	49.1	29.8	21.1
1933.....	51	1,752	17,766,216	88	12,025,455	20	5,599,006	50.2	34.0	15.8
1934.....	48	1,621	18,600,174	98	14,047,135	26	6,008,218	48.1	36.3	15.6
1935.....	54	1,626	20,651,707	100	13,277,358	28	7,481,349	49.9	32.1	18.0
1936.....	64	1,573	25,205,170	82	13,207,188	30	8,873,229	53.3	28.0	18.7
1937.....	69	1,456	28,374,362	69	8,511,640	30	11,176,074	59.0	17.7	23.3
1938.....	65	1,157	23,450,474	59	4,933,386	25	10,058,999	61.0	12.8	26.2
1939.....	66	856	26,655,664	54	5,042,896	26	11,295,547	62.0	11.7	26.3

TABLE 30—PHYSICAL AND MECHANICAL CHARACTERISTICS OF SHIPPING MINES.

Mine number.	County, district, name of operator and mine.	Post office address of mine.	Tons of coal produced.	Number of seam.	Thickness of seam, in feet.	Shaft, slope, drift or strip.	Depth of shaft in feet.	Long wall or pillar room.	Mining.	Haillage.	Hoisting.	Loading.	Open or closed lights.	Is mine rock dusted?
	BOND COUNTY—SEVENTH DISTRICT.													
S-1	Illinois-Pocahontas Coal Co.	Pocahontas.	103,583	6	7'0"	Shaft	420 P. R.		Machine	Both	Steam	Hand	Open	No
	BUREAU COUNTY—FIRST DISTRICT.													
S-1	Spring Valley Coal Mining Co., No. 3.	Spring Valley.	45,767	2	3'6"	Shaft	450 L. W.		Hand	Mule	Steam	Hand	Open	No
	CHRISTIAN COUNTY—FOURTH DISTRICT.													
S-1	Pana Coal Co., No. 1.	Pana.	21,604	6	7'6"	Shaft	721 P. R.		Machine	Both	Steam	Machine	Open	No
S-2	Pestbody Coal Co., No. 7.	Kincaid.	1,081,568	6	6'6"	Shaft	355 P. R.		Machine	Motor	Electric	Machine	Both	Yes
S-3	Pestbody Coal Co., No. 8.	Kincaid.	1,117,976	6	6'6"	Shaft	370 P. R.		Machine	Motor	Electric	Machine	Both	Yes
S-4	Pestbody Coal Co., No. 9.	Taylorville.	1,097,352	6	7'0"	Shaft	417 P. R.		Machine	Motor	Electric	Machine	Both	Yes
S-5	Pestbody Coal Co., No. 58.	Taylorville.	751,777	6	7'0"	Shaft	446 P. R.		Machine	Both	Steam	Machine	Open	Yes
S-6	Penwell Coal Mining Co.	Pana.	90,533	6	7'6"	Shaft	732 P. R.		Both	Both	Steam	Hand	Open	No
	CLINTON COUNTY—EIGHTH DISTRICT.													
S-1	Beckemeyer Coal Co.	Beckemeyer or Breese.	56,293	6	7'6"	Shaft	450 P. R.		Hand	Both	Steam	Hand	Closed	No
S-2	Citizens Coal Co.	Breese.	44,478	6	7'0"	Shaft	435 P. R.		Machine	Both	Steam	Hand	Open	No
	EDGAR COUNTY—FIFTH DISTRICT.													
S-1	Lincoln City Coal Co.	St. Berniece.	71,084	6	5'0"	Strip								
	FRANKLIN COUNTY—TENTH DISTRICT.													
S-1	Bell & Zoller Coal & Mining Co., No. 1.	Ziegler.	1,010,502	6	9'6"	Shaft	392 P. R.		Machine	Motor	Steam	Machine	Closed	Yes
S-2	Bell & Zoller Coal & Mining Co., No. 2.	Ziegler.	805,636	6	9'6"	Shaft	301 P. R.		Machine	Motor	Steam	Machine	Closed	Yes
S-3	Chicago, Wilmington & Franklin Coal Co., No. 1.	Orient.	715,694	6	9'6"	Shaft	512 P. R.		Machine	Motor	Steam	Machine	Closed	Yes
S-4	Chicago, Wilmington & Franklin Coal Co., New Orient.	West Frankfort	1,363,065	6	9'2"	Shaft	491 P. R.		Machine	Motor	Electric	Machine	Closed	Yes
S-6	Franklin County Coal Corp., No. 5.	Herrin.	535,786	6	9'6"	Shaft	355 P. R.		Machine	Both	Steam	Both	Closed	Partly
S-7	Franklin County Coal Corp., No. 7.	Royalton.	604,124	6	9'6"	Shaft	315 P. R.		Machine	Motor	Steam	Both	Closed	Yes

TABLE 30—Continued.

Mine index.	County, district, name of operator and mine.	Post office address of mine.	Tons of coal produced.	Number of seam.	Thickness of seam in feet.	Shaft, slope, drift or strip.	Depth of shaft in feet.	Long wall or pillar and room.	Mining, Hand, machine or both.	Haulage, Motor, mule or both.	Hoisting, Steam or electric.	Loading, Hand, machine or both.	Open or closed lights.	Is mine rock dusted?
FULTON COUNTY—THIRD DISTRICT.														
S-8	Old Ben Coal Corp., No. 8	West Frankfort	547,953	6	8'8"	Shaft	442	Panel	Machine	Motor	Electric	Machine	Closed	Yes
S-9	Old Ben Coal Corp., No. 11	Coalco.	469,668	6	9'6"	Shaft	607	Panel	Machine	Motor	Electric	Machine	Closed	Yes
S-10	Old Ben Coal Corp., No. 14	Buckner	545,714	6	8'11"	Shaft	459	Panel	Machine	Motor	Electric	Machine	Closed	Yes
S-11	Old Ben Coal Corp., No. 15	West Frankfort	550,737	6	8'10"	Shaft	418	Panel	Machine	Motor	Steam	Machine	Closed	Yes
S-12	Peabody Coal Co., No. 18	West Frankfort	525,983	6	9'0"	Shaft	563	P. R.	Machine	Motor	Electric	Machine	Closed	Yes
S-14	Valer Coal Co., No. 1	Valer	979,254	6	7'6"	Shaft	600	P. R.	Machine	Motor	Electric	Machine	Closed	Yes
HENRY COUNTY—FIRST DISTRICT.														
S-1	Blakley Coal Co.	Carlton	84,852	5	4'2"	Slope	100	P. R.	Machine	Both	Electric	Hand	Open	No
S-2	Central State Collieries, Inc.	St. David	566,615	5	4'5"	Strip			Machine	Both	Electric	Hand	Open	No
S-3	Golden Rule Coal Co.	Middle Grove.	16,736	5	3'10"	Shaft	80	P. R.	Machine	Mule	Electric	Hand	Open	No
S-4	Illinois Colliery Co.	Farrington	677,993	6	3'2"	Strip	185	P. R.	Machine	Both	Electric	Hand	Open	No
S-7	Midland Electric Coal Co., No. 2.	Farrington	107,973	5	4'6"	Shaft	152	P. R.	Machine	Both	Electric	Hand	Both	No
S-10	Pfeiffer & Sons Coal Co., No. 3.	Carlton	483,289	5	4'6"	Strip			Machine	Both	Electric	Hand	Both	No
S-12	Truax-Traer Coal Co., No. 1	St. David	547,158	5	4'6"	Strip			Machine	Both	Electric	Hand	Both	No
S-13	Truax-Traer Coal Co., No. 2	Wright	527,983	5	4'10"	Strip			Machine	Both	Electric	Hand	Both	No
S-14	United Electric Coal Co., No. 9	Chula	329,983	5	4'10"	Strip			Machine	Both	Electric	Hand	Both	No
S-15	United Electric Coal Co., No. 17	Carlton	568,324	5	4'11"	Strip			Machine	Both	Electric	Hand	Both	No
HENRY COUNTY—FIRST DISTRICT.														
S-1	Midland Electric Coal Cos., No. 1	Atkinson	629,274	2	2'9"	Strip			Machine	Mule	Electric	Hand	Open	No
S-2	Shuler Coal Co.	Alpha	20,356	1	4'8"	Shaft	265	P. R.	Machine	Mule	Electric	Hand	Open	No
S-2	Alpha Coal Co.	Alpha	6,286	1	4'8"	Shaft	265	P. R.	Machine	Mule	Electric	Hand	Open	No
JACKSON COUNTY—NINTH DISTRICT.														
S-1	Truax-Traer Coal Co., No. 2	Flkville	560,678	6	6'6"	Strip	260	P. R.	Machine	Motor	Electric	Machine	Closed	Yes
S-2	Union Colliery Co.	Dowell	1,075,065	6	8'0"	Shaft			Machine	Motor	Electric	Machine	Closed	Yes
JEFFERSON COUNTY—TENTH DISTRICT.														
S-2	Consolidated Coal Co., Jefferson No. 20	Nason	120,677	6	7'0"	Shaft	740	P. R.	Machine	Motor	Steam	Machine	Closed	No
KNOX COUNTY—THIRD DISTRICT.														
S-2	Little John Coal Co.	Victoria	602,912	6	3'7"	Strip			Machine	Motor	Steam	Machine	Closed	No

LA SALLE COUNTY—FIRST DISTRICT.

21	Buffalo Rock Coal Co.	Ottawa	24,543	2	1'10" Strip		Machine	Both	Electric	Hand	Open	No
22	Peru Deep Vein Coal Co., No. 3	Peru	52,576	2	3'6" Shaft	355 L. W.	Machine	Both	Electric	Hand	Open	No
23	Union Coal Co.	Peru	119,209	2	2'9" Shaft	400 L. W.	Machine	Both	Electric	Hand	Open	No
24	Wilmington Coal Mines, Inc.	Ottawa	14,200	2	2'9" Strip							
25	Osage Coal Co.	Ottawa	108,235	2	1'10" Strip							
MACON COUNTY—FIFTH DISTRICT.												
21	Macon County Coal Co.	Decatur	89,846	5	4'4" Shaft	624 L. W.	Machine	Both	Steam	Both	Open	No
MACOUPIN COUNTY—SIXTH DISTRICT.												
21	Consolidated Coal Co., No. 7	Staunton	472,308	6	7'0" Shaft	355 P. R.	Machine	Motor	Steam	Machine	Open	No
22	Consolidated Coal Co., No. 15	Mt. Olive	390,803	6	7'6" Shaft	375 P. R.	Machine	Motor	Steam	Machine	Open	No
23	Gillespie Coal Co.	Gillespie	193,343	6	7'6" Shaft	347 P. R.	Machine	Both	Electric	Machine	Open	No
24	Mt. Olive Coal Co.	Mt. Olive	99,439	6	8'0" Shaft	430 P. R.	Machine	Both	Steam	Hand	Open	No
25	South Mine Co.	Carlinville	21,478	6	5'6" Shaft	265 P. R.	Machine	Mule	Steam	Hand	Open	No
26	Superior Coal Co., No. 1	Gillespie	414,259	6	7'0" Shaft	338 P. R.	Machine	Motor	Steam	Machine	Open	No
27	Superior Coal Co., No. 2	Gillespie	514,611	6	7'5" Shaft	321 P. R.	Machine	Motor	Steam	Machine	Open	No
28	Superior Coal Co., No. 3	Gillespie	544,733	6	7'7" Shaft	347 P. R.	Machine	Motor	Steam	Machine	Open	No
29	Superior Coal Co., No. 4	Gillespie	631,803	6	7'0" Shaft	314 P. R.	Machine	Motor	Steam	Machine	Open	No
30	Lincoln Liquidating Corp.	Virden	23,963	6	6'6" Shaft	326 P. R.	Machine	Both	Steam	Hand	Open	No
31	Virden Mining Co.	Virden	128,275	6	6'6" Shaft	326 P. R.	Machine	Both	Steam	Hand	Open	No
MADISON COUNTY—SEVENTH DISTRICT.												
21	Burn Well Coal Co.	Collinsville	25,760	6	6'8" Shaft	165 P. R.	Machine	Mule	Electric	Hand	Open	No
22	Chirosee Coal Co.	Troy	58,664	6	5'6" Shaft	287 P. R.	Machine	Both	Steam	Hand	Open	No
23	Livingston-Mt. Olive Coal Co.	Livingston	200,047	6	6'0" Shaft	287 P. R.	Machine	Motor	Steam	Hand	Open	No
24	Livingston Coal Co., No. 2	Collinsville	376,429	6	7'6" Shaft	185 P. R.	Machine	Motor	Steam	Both	Open	No
25	Madison County Coal & Mining Co.	Edwardsville	207,529	6	5'6" Shaft	230 P. R.	Machine	Motor	Steam	Both	Open	No
26	Mt. Olive & Staunton Coal Co., No. 2	Staunton	675,947	6	6'6" Shaft	312 P. R.	Machine	Both	Steam	Machine	Open	Partly
MARION COUNTY—SEVENTH DISTRICT.												
21	Marion County Coal Co.	Centralia	182,030	6	6'6" Shaft	600 P. R.	Machine	Both	Steam	Both	Open	No
MONTGOMERY COUNTY—SIXTH DISTRICT.												
21	Hillsboro Mining Co.	Hillsboro	70,929	6	6'7" Shaft	472 P. R.	Machine	Both	Steam	Machine	Open	No
22	Indiana & Illinois Coal Corp., No. 10	Nokomis	82,782	6	8'0" Shaft	642 P. R.	Machine	Motor	Electric	Machine	Open	No
23	Nokomis Coal Co.	Nokomis	569,297	6	8'4" Shaft	640 P. R.	Machine	Motor	Steam	Machine	Open	No
PEORIA COUNTY—SECOND DISTRICT.												
21	Crescent Mining Co., No. 1	Peoria	446,405	5	4'4" Drift	130 P. R.	Machine	Both	Electric	Both	Both	No
22	Crescent Mining Co., No. 6	Peoria	440,091	5	4'4" Slope	140 P. R.	Machine	Both	Electric	Hand	Both	No

TABLE 30.—Continued.

Mine index.	County, district, name of operator and mine.	Post office address of mine.	Tons of coal produced.	Number of seam.	Thickness of seam in feet.	Shaft, slope, drift or strip.	Depth of shaft in feet.	Long wall or pillar room.	Mining.	Haulage.	Hoisting.	Loading.	Open or closed lights.	Is mine rock dusted?
PERRY COUNTY—NINTH DISTRICT.														
2-2	Beaucoup Coal Co.	Puckneyville.	21,280	5	70"	Shaft	145 P. R.	Hand	Hand	Mule	Steam	Hand	Open	No
2-3	Puckneyville Mining Co., No. 5.	Puckneyville.	23,680	6	73"	Shaft	167 P. R.	Hand	Hand	Both	Steam	Hand	Open	No
2-4	Conant Coal Co.	Conant.	53,434	6	63"	Shaft	115 P. R.	Hand	Hand	Mule	Steam	Hand	Open	No
2-6	Peabody Coal Co., No. 14.	DuQuoin.	52,527	6	70"	Shaft	412 P. R.	Machine	Both	Both	Steam	Both	Closed	Yes
2-8	Cutler Coal Co.	Cutler.	27,566	6	60"	Shaft	120 P. R.	Machine	Hand	Both	Steam	Hand	Open	No
2-9	Home Coal Co.	Tanarua.	7,811	6	56"	Shaft	240 P. R.	Hand	Hand	Mule	Steam	Hand	Open	No
2-10	Edgar Coal Co.	Tanarua.	28,072	6	50"	Shaft	210 P. R.	Hand	Hand	Mule	Steam	Hand	Open	No
2-11	New Galum Coal Corp.	Conant.	41,922	6	60"	Strip	56 P. R.	Hand	Hand	Mule	Steam	Hand	Open	No
2-12	Perfection Coal Co.	DuQuoin.	1,192,293	6	58"	Strip								
2-13	Pyramid Coal Corp.	Puckneyville.	1,089,758	6	740"	Strip								
2-14	United Electric Coal Cos., No. 11.	DuQuoin.	63,892	6	58"	Strip	106 P. R.	Hand	Hand	Motor	Steam	Hand	Open	No
2-15	C. & R. Coal Co.	Cutler.	44,213	6	66"	Shaft	286 P. R.	Machine	Machine	Both	Steam	Hand	Open	No
2-16	Conterville Coal Co.	Conterville.												
RANDOLPH COUNTY—NINTH DISTRICT.														
2-2	Crain Coal Co.	Percy.	10,926	6	60"	Slope		Hand	Hand	Mule	Steam	Hand	Open	No
2-3	Ill-Mo Coal Co.	Sparta.	13,598	6	60"	Shaft	129 P. R.	Machine	Machine	Both	Electric	Both	Open	No
2-5	Maftat Coal Co., No. 1	Sparta.	151,086	6	50"	Shaft	140 P. R.	Machine	Both	Both	Steam	Machine	Open	No
2-6	St. Louis Coal Co.	Conterville.	177,574	6	50"	Shaft	195 P. R.	Machine	Machine	Both	Steam	Both	Open	No
2-7	Southwestern Illinois Coal Corp.	Percy.	841,421	6	60"	Strip								
2-15	Moffat Coal Co., No. 2	Sparta.	41,144	6	66"	Slope	88 P. R.	Machine	Machine	Mule	Electric	Machine	Open	No
ST. CLAIR COUNTY—EIGHTH DISTRICT.														
2-3	Golden Rule Coal Co.	Lenzburg.	58,403	6	610"	Shaft	56 P. R.	Hand	Hand	Both	Steam	Hand	Open	No
2-4	Groom Coal Co.	Belleville.	40,750	6	70"	Shaft	100 P. R.	Machine	Machine	Both	Electric	Machine	Open	No
2-5	Gundlach Coal Co.	East St. Louis.	174,315	6	56"	Drift				Both	Electric	Machine	Open	No
2-6	Lenzburg Coal Co.	Lenzburg.	33,031	6	70"	Shaft	98 P. R.	Hand	Hand	Both	Steam	Machine	Open	No
2-7	Mulberry Hill Coal Co.	Freeburg.	77,679	6	76"	Shaft	150 P. R.	Machine	Machine	Both	Steam	Machine	Open	No
2-8	Marissa Coal Co.	Marissa.	15,594	6	70"	Shaft	116 P. R.	Hand	Hand	Both	Steam	Machine	Open	No
2-10	Perry Coal Co., St. Ellen.	O'Fallon.	267,818	6	76"	Shaft	210 P. R.	Machine	Machine	Both	Steam	Machine	Open	No
2-11	Prairie Coal Co.	Belleville.	66,726	6	66"	Shaft	212 P. R.	Hand	Hand	Both	Steam	Machine	Open	No
2-12	St. Louis & O'Fallon Coal Co., No. 2.	East St. Louis.	386,991	6	66"	Shaft	212 P. R.	Machine	Machine	Both	Steam	Machine	Open	No
2-14	Service Coal & Mining Co.	Belleville.	33,499	6	60"	Shaft	118 P. R.	Hand	Hand	Both	Steam	Machine	Open	No

S-17	Southern Coal, Coke & Mining Co., No. 7 Electric Coal Cos., No. 13	Belleville.....	6,299	6	6'6"	Shaft	128 P. R.	Hand	Both	Steam	Hand	Open	No
S-18	United Electric Coal Cos., No. 13	Freeburg.....	225,568	6	6'6"	Shaft	95 P. R.	Hand	Both	Steam	Hand	Open	No
S-19	Vinegar Hill Coal Co.....	Leuzburg.....	27,325	6	6'6"	Shaft	100 P. R.	Machine	Both	Steam	Machine	Open	No
S-20	White Coal Co.....	Belleville.....	27,776	6	7'0"	Slope	100 P. R.	Hand	Both	Steam	Hand	Open	No
S-21	Mascoutah Coal & Mining Co.....	Mascoutah.....	3,724	6	6'0"	Shaft	140 P. R.	Hand	Both	Steam	Hand	Open	No
S-22	Freeburg Coal Co.....	Freeburg.....	709	6	7'6"	Shaft	145 P. R.	Hand	Both	Steam	Hand	Open	No
SABINE COUNTY—ELEVENTH DISTRICT.													
S-1	Bankston Creek Collieries, No. 6	Carrier Mills.....	754,910	6	5'0"	Strip	110 P. R.	Machine	Motor	Electric	Machine	Open	No
S-2	Blue Bird Coal Co., No. 6	Carrier Mills.....	205,846	5	4'8"	Slope	267 P. R.	Machine	Motor	Steam	Machine	Closed	Yes
S-3	Peabody Coal Co., No. 43	Harrisburg.....	325,443	5	5'7"	Shaft	420 P. R.	Machine	Motor	Steam	Both	Closed	Yes
S-4	Peabody Coal Co., No. 47	Harrisburg.....	551,937	5	5'4"	Shaft	465 P. R.	Machine	Motor	Steam	Machine	Closed	No
S-5	Rex Coal Co., No. 2	Elkorado.....	465,849	5	6'0"	Shaft	311 P. R.	Machine	Both	Steam	Hand	Open	No
S-6	Sahara Coal Co., No. 1	Harrisburg.....	147,494	5	6'0"	Shaft	406 P. R.	Machine	Motor	Steam	Hand	Open	No
S-7	Sahara Coal Co., No. 10	Elkorado.....	245,481	5	4'10"	Shaft	50 P. R.	Machine	Motor	Electric	Machine	Open	No
S-8	Wasson Coal Co., "A"	Harrisburg.....	212,781	5	5'6"	Slope	325 P. R.	Machine	Motor	Steam	Machine	Closed	No
S-9	Wasson Coal Co., No. 1	Harrisburg.....	43,928	5	5'4"	Shaft	75 P. R.	Machine	Conveyor	Belt	Machine	Closed	No
S-10	Bankston Creek Collieries, No. 4	Harrisburg.....	405,972	5	5'0"	Slope	135 P. R.	Machine	Conveyor	Belt	Machine	Closed	No
S-11	Bankston Creek Collieries, No. 5	Carrier Mills.....	405,972	5	5'0"	Slope	135 P. R.	Machine	Conveyor	Belt	Machine	Closed	No
SANGAMON COUNTY—FOURTH DISTRICT.													
S-1	Central Illinois Coal Mining Co., "A"	Springfield.....	187,564	5	5'8"	Shaft	200 P. R.	Hand	Both	Electric	Hand	Open	No
S-2	Mine B Coal Co.....	Springfield.....	22,395	5	5'6"	Shaft	206 P. R.	Hand	Both	Electric	Hand	Open	No
S-3	Panther Creek Mines, Inc., No. 4	Springfield.....	54,804	5	5'6"	Shaft	156 P. R.	Hand	Both	Electric	Hand	Open	No
S-4	Panther Creek Mines, Inc., No. 5	Springfield.....	306,890	5	5'10"	Shaft	244 P. R.	Hand	Both	Steam	Hand	Open	No
S-5	Peabody Coal Co., No. 53	Springfield.....	412,035	5	5'6"	Shaft	250 P. R.	Machine	Both	Electric	Machine	Open	No
S-6	Peabody Coal Co., No. 57	Springfield.....	333,598	5	5'6"	Shaft	230 P. R.	Machine	Both	Steam	Machine	Open	No
S-7	Peabody Coal Co., No. 59	Springfield.....	422,673	5	5'6"	Shaft	235 P. R.	Machine	Both	Steam	Machine	Open	Yes
TAZEWELL COUNTY—SECOND DISTRICT.													
S-1	Lake Erie Mining Co.....	Peoria.....	10,402	5	4'0"	Slope	265 P. R.	Machine	Both	Electric	Hand	Open	No
VERMILION COUNTY—FIFTH DISTRICT.													
S-1	United States Fuel Co., Bun	Georgetown.....	771,808	6	6'3"	Shaft	210 P. R.	Machine	Motor	Electric	Both	Open	No
S-2	Peabody Coal Co., No. 24	Danville.....	655,201	6	5'10"	Shaft	214 P. R.	Machine	Both	Electric	Both	Open	No
S-3	F. C. Morgan Coal Co.....	Danville.....	129,303	7	5'0"	Strip	210 P. R.	Machine	Both	Electric	Both	Open	No
S-4	Tilton Mining Co.....	Danville.....	39,829	7	6'0"	Slope	280 P. R.	Both	Mule	Electric	Hand	Open	No
S-5	Skelton Coal Co.....	Muncie.....	5,182	7	5'6"	Slope	45 P. R.	Machine	Mule	Electric	Hand	Open	No
S-6	Grace Creek Mining Co., No. 7	Danville.....	10,294	7	5'0"	Strip	45 P. R.	Machine	Mule	Electric	Hand	Open	No
WASHINGTON COUNTY—NINTH DISTRICT.													
S-1	Centralia Coal Co., No. 5	Centralia.....	215,488	6	6'6"	Shaft	537 P. R.	Machine	Motor	Steam	Machine	Open	Yes
S-2	Clarkson Coal & Mining Co.....	Nashville.....	13,288	6	5'8"	Shaft	415 P. R.	Machine	Both	Steam	Hand	Closed	No
S-3	Bois Coal Co.....	Dubois.....	22,925	6	5'8"	Shaft	300 P. R.	Hand	Mule	Steam	Hand	Open	No

TABLE 30—Concluded.

Mine index	County, district, name of operator and mine.	Post office address of mine.	Tons of coal produced.	Number of seam.	Thickness of seam in feet.	Shaft, slope, drift or strip.	Depth of shaft in feet.	Long wall or pillar and room.	Mining.	Haillage.	Hoisting.	Loading.	Open or closed lights.	Is mine rock dusted?
WHITE COUNTY—ELEVENTH DISTRICT.														
S-1	H. & H. Coal Co.	Norris City.	2,264	6	5'6"	Shaft	640	P. R.	Machine	Both	Steam	Hand	Open	No
WILL COUNTY—FIRST DISTRICT.														
S-1	Northern Illinois Coal Corp., No. 10.	Wilmington.	1,142,903	2	3'0"	Strip								
WILLIAMSON COUNTY—TWELFTH DISTRICT.														
S-1	Marvel Coal Co.	Pittsburg.	7,602	6	5'6"	Shaft	160	P. R.	Machine	Both	Steam	Hand	Open	No
S-2	M. & S. Coal Co.	Pittsburg.	18,789	6	5'6"	Shaft	160	P. R.	Machine	Both	Steam	Hand	Open	No
S-3	Consolidated Coal Co., New Monarch.	Herrin.	302,307	6	9'0"	Shaft	150	P. R.	Machine	Motor	Steam	Machine	Open	No
S-4	Delta Coal Mining Co.	Cartersville.	454,407	5	4'2"	Strip								
S-5	Forsyth-Cartersville Coal Co.	Cartersville.	96,210	6	9'0"	Strip								
S-6	Freeman Coal Mining Co.	Herrin.	54,859	6	8'0"	Strip								
S-7	McLaren Coal Co., No. 1.	Cartersville.	112,210	5	4'0"	Shaft	250	P. R.	Machine	Both	Electric	Both	Open	No
S-8	Seymour Coal Mining Co.	Cartersville.	543,701	6	8'0"	Shaft	160	P. R.	Machine	Both	Steam	Both	Open	No
S-9	Wallace Coal Co.	Herrin.	144,402	6	7'6"	Slope	90	P. R.	Machine	Both	Electric	Machine	Open	No
S-10	Consolidated Coal Co., Buckhorn.	Herrin.	190,191	6	8'0"	Slope	190	P. R.	Machine	Motor	Electric	Machine	Closed	No
S-11	Diamond Coal Co., No. 3.	Herrin.	6,700	6	9'0"	Slope	60	P. R.	Hand	Mule	Electric	Hand	Open	No
S-12	Cox Coal Co.	Marion.	2,687	6	9'0"	Strip								
L-1	Peerless Coal Co.	Cambria.	12,235	6	10'0"	Slope	70	P. R.	Machine	Mule	Gasoline	Machine	Open	No
L-2	Spillertown Coal Co.	Marion.	11,956	5	4'0"	Shaft	103	P. R.	Hand	Ponies	Electric	Hand	Open	No
WOODFORD COUNTY—SECOND DISTRICT.														
S-2	W. G. Sutton.	Minonk.	41,671	2	3'0"	Shaft	553	L. W.	Hand	Both	Steam	Hand	Open	No

TABLE 31.—SUMMARY OF THE VARIOUS SEAMS OF COAL, KIND OF OPENING, MANNER OF WORKING AND TONS PRODUCED FROM EACH SEAM.

Number of seam.	Number of—		Kind of opening.			Manner of working.		Production in tons.
	Countries.	Mines.	Shaft.	Drift.	Slope.	Strip.	Pillar and room.	
One.....	13	51	197,118	445	36,353	64	51	233,980
Two.....	17	118	279,953	6,207	29,121	2,096,269	86	2,411,530
Three.....	2	7	1,397	188	861	-----	6	2,446
Four.....	-----	-----	-----	-----	-----	-----	-----	-----
Five.....	27	388	5,056,680	523,465	2,283,052	3,888,910	361	11,752,107
Six.....	44	280	25,643,359	203,258	664,621	6,138,584	244	32,649,822
Seven.....	11	132	151,649	48,310	215,715	161,875	111	577,549
Total.....	-----	976	31,330,156	781,873	3,229,723	12,285,702	859	47,627,454

TABLE 32—LIST OF FATALITIES—1939.

Name of person killed.	Occupation.	Residence.	Date of accident.	Date of death.	Cause of death.	By whom employed.
Adams, Luther...	Miner	Herrin	Nov.	8 Nov.	Crushed between rib and machine	Seymour Coal Mining Co.
Alexander, Tony	Motorman	Zeigler	Apr.	20 Apr.	Crushed by trip	Bell & Zoller C. & M. Co., No. 2.
Baker, Randall	Fireman	Elkhardt	Mar.	14 Mar.	Fell in shaft	Rex Coal Co., No. 2
Balarna, Lester	Miner	Farmington	Dec.	20 Dec.	Fall of rock	Illinois Colliery Co.
Beeson, John	Miner	Moline	Apr.	14 Apr.	Fall of top coal	Woolen-Peters-Lawson.
Bevers, William	Clod man	Taylorville	Dec.	12 Dec.	Fall of clod	Peabody Coal Co., No. 48.
Brandon, Jerry	Timberman	Harrisburg	Mar.	22 Mar.	Fall of rock	Wasson Coal Co., No. 1.
Brandon, Joe	Shift leader	Sparta	Dec.	5 Dec.	Runaway cars	Moffat Coal Co., No. 2.
Bright, Marion	Machine operator	Valer	Dec.	12 Dec.	Fall of face coal	Valier Coal Co., No. 1.
Bryant, Charles M	Machine operator	Athens	Oct.	7 Oct.	Crushed by machine	Peabody Coal Co., No. 57.
Cannon, Jess: T	Loading machine operator	Harrisburg	May	24 May	Electrocution	Wasson Coal Co., No. 1.
Cates, Herman	Machine man	Hurst	Jan.	12 Jan.	Fall of rock	Peabody Coal Co., No. 18.
Cerutti, Michele	Timberman	Centralia	Aug.	29 Aug.	Fall of slate	Centralia Coal Co., No. 5.
Clem, Jesse	Shooter	Herrin	Dec.	22 Dec.	Fall of top coal	Bell & Zoller C. & M. Co., No. 2.
Dehn, Fred	Driller and shooter	Royalton	Sept.	1 Sept.	Shot blew thru pillar	Franklin County Coal Co., No. 7.
DeLorge, Andrew	Miner	East Galesburg	Dec.	30 Dec.	Fall of clod	Bushnell Mining Co.
Disney, Poley H	Machine operator	Muddy	June	20 July	Fall of slate	Fifth Vein Coal Co.
Doolley, Harry W	Tool sharpener	Taylorville	Dec.	9 Dec.	Fall of rib coal	Peabody Coal Co., No. 7.
Dudley, Roy L	Cager	Nason	Apr.	6 Apr.	Crushed between cars	Jefferson County Coal Co., No. 20.
Dueck, Fred	Loading machine helper	Springfield	Mar.	6 Mar.	Fall of slate	Peabody Coal Co., No. 53.
Durich, William	Yard man	Taylorville	Feb.	20 Feb.	Killed by railroad car	Peabody Coal Co., No. 7.
Evans, Everett	Electrical repairman	Harrisburg	Aug.	14 Aug.	Electrocution	Blue Bird Coal Co., No. 6.
Gosch, John J	Miner	Kewanee	Feb.	14 Feb.	Fall of rock	Kewanee Coal Co.
Gray, John Gibson	Mine manager	Mascoutah	July	17 July	Asphyxiation	Vinegar Hill Coal Co.
Grimes, John R	Loading machine helper	Georgetown	Mar.	25 Mar.	Fall of rock	Peabody Coal Co., No. 24.
Harper, Harry, Sr.	Timberman	Orient	Feb.	11 Feb.	Fall of rock	C. W. & F. Coal Co., No. 1.
Harris, Hugh	Mine owner	Marion	June	29 June	Runaway car	Green Valley Coal Co.
Haun, Noah	Mine owner	Danville	Jan.	2 Jan.	Fall of strip bank	Haun & Son Stripping Co.
Heaton, George	Miner	Colchester	Mar.	24 Mar.	Fall of rock	Swanson Coal Co.
Hertel, Fred W	Mine manager	Edwardsville	Aug.	21 Aug.	Fall of rock	Bausser Coal Co.
Hudcho, Albert	Triprider	West Frankfort	Sept.	19 Sept.	Crushed between car and rib	C. W. & F. Coal Co., No. 2.
Hufmaster, Victor	Top man	Pana	Jan.	30 Jan.	Clothes caught on drive shaft of shaker	Penwell Coal Mining Co.
Hume, Nasby Earl	Machine operator	Muncie	Sept.	5 Sept.	Crushed by motor	Peabody Coal Co., No. 24.
Hunt, Ray	Miner	Pleasant Plains	Nov.	28 Nov.	Fall of clod	Bethel Coal Co.
Hurtin, Edmund	Miner	Plover Hill	Oct.	24 Oct.	Fall of face coal	Penwell Coal Mining Co.

Ingold, Amos, Jr.	Motorman	Kincaid	Oct.	26 Oct.	26 Crushed by trip.	Peabody Coal Co., No. 7.
Isaacs, Isaac Roy	Cleanup man	DeQuoin	Oct.	17 Oct.	17 Fall of face coal	Union Colliery Co., Kathleen.
Isaacs, William E.	Loading machine helper	Taylorville	Jan.	12 Jan.	12 Fall of rock	Peabody Coal Co., No. 9.
Kronster, George, Jr.	Miner	Livingston	Oct.	6 Oct.	6 Fall of rock	Livingston-Mt. Olive Coal Co., No. 1.
Lackey, George	Wreman	West Frankfort	Dec.	5 Dec.	5 Electrocutation	C. W. & F. Coal Co., No. 2.
Laster, Roland	Loading machine operator	Taylorville	Aug.	11 Aug.	15 Fall of top coal	Peabody Coal Co., No. 9.
Lind, Edwin W.	Loading machine helper	Lebanon	May	2 May	2 Fall of rib coal	Perry Coal Co., St. Ellen.
Love, Robert Stewart	Motorman	Gillespie	June	12 June	12 Crushed between cars	Superior Coal Co., No. 1.
Low, David	Driver	Duvalle	Apr.	8 Apr.	8 Crushed by cars	Tilton Mining Co.
Ludwig, Ernest	Loading machine operator	Stanton	Oct.	9 Oct.	9 Fall of slate	Consolidated Coal Co., No. 7.
McClellan, Oscar	Motorman	Johnston City	Feb.	14 Feb.	21 Crushed by motor	Old Ben Coal Corp., No. 11.
Mabrey, Clarence	Motorman	Eldorado	Oct.	10 Oct.	10 Crushed by motor	Rex Coal Co., No. 2.
Malesky, Walter	Miner	Brighton	Jan.	26 Jan.	26 Fall of face coal	Roscoe Moore Mine.
Marrison, John William	Miner	Duvalle	Mar.	1 Mar.	1 Crushed by cars	U. S. Fuel Co., Bunsenville.
Nicholson, Matthew	Timberman	West Frankfort	Aug.	12 Aug.	12 Fall of rock	Peabody Coal Co., No. 18.
Novak, John	Motorman	Pechontas	Aug.	19 Aug.	19 Crushed by motor	Illinois-Pechontas Coal Co.
Ozella, John Dominick	Miner	Pekin	July	24 July	24 Fall of slate	Crescent Mining Co., No. 6.
Patterson, Walter	Mine foreman	Coello	Nov.	21 Nov.	21 Fall of rock	Old Ben Coal Corp., No. 11.
Peaks, Harley Fredrick	Top man	Canton	June	1 June	1 Fall from scaffold	Peaco Coal Co.
Pollis, Stanley	Loader	Springfield	Apr.	18 Apr.	18 Fall of rock	Peabody Coal Co., No. 59.
Powers, Joseph	Machine operator	Elkville	Jan.	27 Jan.	27 Electrocutation	Union Colliery Co., Kathleen.
Pratt, Clevis	Loader	Springfield	July	13 July	13 Fall of rock	Peabody Coal Co., No. 53.
Prevail, Cecil	Machine operator	Carlinville	Mar.	6 Mar.	6 Fall of rock	Peabody Coal Co., No. 53.
Rexnolds, Wayne	Machine helper	Herrin	Nov.	30 Dec.	20 Fall of rib coal	Consolidated Coal Co., Buckhorn.
Rodd, Arch	Machine helper	Marion	Oct.	2 Oct.	2 Fall of rib coal	Peabody Coal Co., No. 43.
Ruggieri, Tony	Mine manager	Norris	Nov.	15 Nov.	18 Runaway cars	Hawk Valley Mine.
Salger, Henry	Machine helper	Willisville	Sept.	26 Sept.	26 Fall of elod	St. Louis Coal Co.
Shierman, Charles	Mine manager	Virden	June	12 June	17 Fell over rock	Virden Mining Corp.
Sirles, Edward	Triprider	Eldorado	Mar.	17 Mar.	17 Crushed by cars	Salsara Coal Co., No. 10.
Slicka, George	Motorman	Livingston	Sept.	1 Sept.	1 Crushed by motor	Livingston-Mt. Olive Coal Co., No. 1.
Smith, Tom	Driver	Virden	Dec.	21 Dec.	21 Kicked by mule	Virden Mining Corp.
Snell, John	Cleanup man	Stanton	Mar.	11 Mar.	11 Fall of slate	Old Ben Coal Corp., No. 8.
Sweeten, Michael Sidney	Loader	West Frankfort	Jan.	4 Jan.	4 Fall of rib coal	Mt. Olive & Staunton Coal Co., No. 2.
Talley, Rufus	Jerryman	Carterville	Aug.	25 Aug.	25 Fall of rock	Peabody Coal Co., No. 43.
Tanner, J. C.	Driller	Stonefort	Oct.	2 Oct.	28 Fall of rock	Wasson Coal Co., "A."
Tobert, Lon	Loader	Harrisburg	Dec.	1 Dec.	4 Fall of rock	Milt Conway Mine.
Trello, George	Miner	Springfield	Dec.	13 Dec.	13 Fall of rock	Panther Creek Mines, No. 5.
Wallace, David, Sr.	Cleanup man	Dowell	Oct.	31 st Feb.	23 Fall of slate	Union Colliery Co., Kathleen.
Warning, Henry	Miner	East St. Louis	Sept.	7 Sept.	27 Fall of top coal	St. Louis & O'Fallon Coal Co., No. 2.
Wattlelet, Marcue	Timberman helper	Stonington	Apr.	27 Apr.	27 Fall of slate	Peabody Coal Co., No. 8.
Whean, Vernie	Top laborer	Pineknueville	June	21 June	21 Crushed by railroad cars	Pineknueville Mining Co., No. 5.
Wilkins, Harold Chester	Rock man	Bloomington, Ind.	Dec.	30 th Jan.	1 Crushed by motor	Peabody Coal Co., No. 24.
Williams, William J.	Road cleaner	Carrier Mills	Sept.	25 Oct.	12 Crushed by cars	Peabody Coal Co., No. 47.
Yates, Rella	Skinup man	Herrin	Sept.	28 Sept.	29 Fall of rock	Franklin County Coal Corp., No. 5.
Yuskanovich, Andrew J.	Mine owner	Pekin	Sept.	5 Sept.	5 Fall of rock	Lakeside Coal Co.

TABLE 33—FATAL ACCIDENTS BY DISTRICTS AND CAUSES.

District.	Underground.						On surface.			Grand total.
	Falls of roof and sides.	Haulage.	Electricity.	Explosions.	Gas explosions.	Other causes.	Machinery.	Other causes.	Total.	
First.....	2									2
Second.....	2									2
Third.....	3	1						1	1	5
Fourth.....	11	2				1	14	1	1	16
Fifth.....	2	4					6			6
Sixth.....	3	2				1	6			6
Seventh.....	2	2					4			4
Eighth.....	2					1	3			3
Ninth.....	4	1	1				6	1	1	7
Tenth.....	8	4	1	1			14			14
Eleventh.....	6	3	2				11	1	1	12
Twelfth.....	2	1					3			3
Total.....	47	20	4	1		3	75	1	4	80

TABLE 34—FATAL ACCIDENTS BY OCCUPATIONS AND CAUSES.

Occupation.	Underground.						On surface.			Grand total.
	Falls of roof and sides.	Haulage.	Electricity.	Explosives.	Gas explosions.	Other causes.	Machinery.	Other causes.	Total.	
Cager.....		1					1			1
Cleanup man.....	4						4			4
Clod man.....	1						1			1
Driller and shooter.....	2			1			3			3
Driver.....		2					2			2
Electrical repairman.....			1				1			1
Fireman.....								1	1	1
Loader.....	4						4			4
Loading machine helper.....	7						7			7
Loading machine operator.....	3	1	1				5			5
Machine operator.....	3	1	1				5			5
Mine foreman.....	1					1	1			1
Mine manager.....		1				2				1
Mine owner.....	2	1					3			3
Miner.....	14	1					15			15
Motorman.....		1					1			1
Road cleaner.....		1					1			1
Rock man.....		1					1			1
Shift leader.....		1					1			1
Timberman.....	4						4			4
Timberman's helper.....	1						1			1
Tool sharpener.....	1						1			1
Top man.....								1	2	3
Trip rider.....		2					2			2
Wireman.....			1				1			1
Yardman.....								1	1	1
Total.....	47	20	4	1		3	75	1	4	80

TABLE 35—FATAL ACCIDENTS BY MONTHS.

Month.	District—Shipping mines.												Local mines.		Grand total.	
	First.	Second.	Third.	Fourth.	Fifth.	Sixth.	Seventh.	Eighth.	Ninth.	Tenth.	Eleventh.	Twelfth.	Total.	District.		Number killed.
January.....				2	1				1	2			6	5	1	8
February.....				1					1	2			4	6	1	5
March.....				2	2		1				3		5	3	1	9
April.....				2	1					2			5	1	1	6
May.....								1			1		2			2
June.....						2			1				3	12	1	5
July.....		1		1			1	1					4	3	1	5
August.....				1					1	1	2		5	11	1	6
September.....					1		1	1	1	3			7	6	1	8
October.....				3		1	1		1		4		10	2	1	10
November.....										1		1	2	4	1	4
December.....			1	3		1			1	3		1	10	3	1	12
														11	1	
Total—Shipping mines.....		1	1	15	5	4	4	3	7	14	10	2	66		14	80
Total—Local mines.....	2	1	4	1	1	2					2	1	14			
Total—All mines.....	2	2	5	16	6	6	4	3	7	14	12	3	80			

TABLE 36—CONJUGAL RELATIONS OF THE MEN KILLED AND TONS MINED AND NUMBER EMPLOYED TO ONE KILLED AND FATALITIES PER 1,000,000 TONS MINED AND PER 1,000 EMPLOYED.

District.	Conjugal relations.						Tons mined to one killed.	Number employed to one killed.	Number killed.	
	Number killed.	Married.	Single.	Widows.	Children.	Dependents.			Per 1,000,000 tons mined.	Per 1,000 employed.
First.....	12	12		2	3	5	1,301,480	1,255	.5	.1
Second.....	12	12		2	2	4	732,564	1,144	.5	.1
Third.....	5	12	3	2	12	5	938,849	488	1.0	2.0
Fourth.....	16	13	3	13	14	27	399,475	343	3.4	2.9
Fifth.....	6	3	3	3	5	9	355,790	490	1.3	2.0
Sixth.....	6	6		6	4	11	696,160	710	1.3	1.4
Seventh.....	4	2	2	2	5	8	541,421	543	.8	1.9
Eighth.....	3	2	1	2		2	852,729	951	.6	1.0
Ninth.....	7	7		7	7	14	923,540	546	1.5	1.8
Tenth.....	14	13	1	13	28	41	626,750	476	2.9	2.1
Eleventh.....	12	11	1	11	21	32	311,529	290	2.5	3.4
Twelfth.....	3	3		3	2	5	818,505	665	.6	1.5
Total.....	80	66	14	66	93	163	595,343	511	1.7	1.9

TABLE 37—CAUSES OF FATAL ACCIDENTS BY YEARS—1882-1939.

Year.	Underground.							In shaft.			On surface.			
	Total number killed.	Fall of roof and sides.	Gas explosions.	Haulage.	Electricity.	Explosives.	Other causes.	Falling down shaft.	Cage.	Other causes.	Total.	Machinery.	Railway cars.	Other cause.
1882	40	26				5	9	40						
1883	134	40	12	2		2	*78	134						
1884	46	29	4			6	7	46						
1885	39	20					†19	39						
1886	52	32		5		10	47	1		4	5			
1887	41	28					13	41						
1888	54	33		6		9	48	4	2		6			
1889	42	26		5		3	35	2	4	1	6			
1890	52	36	5	3		4	48	4	4		4			
1891	58	33	4	2		11	1	1	4	2	7			
1892	56	28	3	6		4	3	4	8	4	12			
1893	68	48	2	2		6	2	60	3	4	8			
1894	70	43		6		8		57	5	8	13			
1895	75	38	5	6		12	2	63	5	4	10	1	1	2
1896	77	41	2	9		9	2	63	6	5	11	1	1	3
1897	69	46	2	1		11		60	6		7	1	1	2
1898	75	43	7	3		11	2	66	4	2	6	1	1	3
1899	84	51	5	6		6	6	74	4	5	9	1	1	1
1900	94	51	1	11		20		83	1	4	7	2	2	4
1901	99	57	1	14		20	3	95	1	1	2		2	2
1902	99	55		15		17	1	88	7	2	9		2	2
1903	156	77	8	18	1	41	2	147	2	6	8		1	1
1904	157	65		21	1	44	3	134	10	4	14	6	2	9
1905	199	80	59	11	1	32	3	186	5	6	12			3
1906	155	84	2	22		22	1	131	9	5	15	3	4	9
1907	165	84	4	29	1	25	2	145	6	8	14	4	2	6
1908	183	91	7	35	1	29	1	164	3	1	7	4	8	12
1909	213	84	44	30	2	29	1	190	5	4	10	3	8	13
1910	406	65	20	23	3	17	258	386	3	6	9	3	5	11
1911	157	80	8	40	1	10	4	143	5	2	9		2	5
1912	180	98	3	38	3	13	12	167	6	3	9		2	4
1913	175	81	10	50	6	10	5	162	5	4	10		2	3
1914	159	83	6	40	6	6	7	148	2	1	3		4	4
1915	180	57	68	27	2	9	12	175	1	2	3		2	8
1916	165	80	12	43	4	13	1	153	4		4	2	6	8
1917	207	77	19	67	7	12	3	185		4	5	5	9	17
1918	259	100	27	70	13	20	4	234	8	8	18		4	3
1919	208	93	31	51	7	12	1	195	4	4	10		2	3
1920	181	91	7	41	14	9	5	167	8	2	10	1	2	4
1921	222	112	6	54	9	20	8	209	2	4	6	1	4	7
1922	159	71	15	29	8	17	7	147	2	1	6		5	6
1923	161	82	2	40	6	13	6	149	3	1	5		4	3
1924	184	76	40	37	5	10	8	176	2		4	2	2	4
1925	183	89	5	46	12	11	9	172	1	2	3	3	3	2
1926	165	85	13	39	5	7	4	153	7	1	9	1	1	3
1927	106	44	17	18	5	5	8	97	3	1	4	2	2	5
1928	139	72	23	21	2	6	5	129	1	1	2	1	4	3
1929	109	52	8	24	5	6	5	100	1	2	3	2	2	6
1930	112	72	4	20	3	2	5	106		1	1	1	2	5
1931	90	54	2	15	6	2	5	84		4	4		1	1
1932	114	33	54	10		4	4	105					4	5
1933	71	45	1	12	3	3	3	67	3		3		1	1
1934	86	48		18	5	2	5	78			3			5
1935	82	34	1	17	3	3	15	73	2	1	3		1	6
1936	93	54		12	1	2	16	85						8
1937	83	45	2	17	2		9	75				3		8
1938	84	41	5	16	1	5	6	74	1		1	1	4	10
1939	80	47		20	4	1	3	75			1	1	1	4
Average—58 years.	125	59	10	21	3	11	10	115	3	2	1	6	1	4

* Sixty-nine men were drowned in the Braidwood mine disaster.

† Other causes not classified.

‡ From July 1, 1924 to December 31, 1925.

TABLE 38—SHIPPING MINES IN WHICH FATALITIES OCCURRED—SHOWING NUMBER KILLED—OUTPUT—NUMBER EMPLOYED—RATIO OF FATALITIES TO OUTPUT—METHOD OF MINING—UNDERGROUND HAULAGE—LOADING—ETC.

Operator.	Number of—			Tons mined to one fatality.	Em- ployees to one man killed.	Mining. Hand, machine, both.	Haulage, Motor, mule, both.	Loading, Machine, hand, both.	Lights, Open, closed, both.	Rock dust. Yes, No.
	District.	Killed.	Tons mined.							
Bell & Zoller Coal & Mining Co., No. 2.	10	2	805,536	725	333	Machine	Motor	Machine	Closed	Yes
Blue Bird Coal Co., No. 9.	11	1	295,846	130	130	Machine	Motor	Machine	Open	No
Central Coal Co., No. 6.	9	1	215,488	205,846	205,846	Machine	Motor	Machine	Open	Yes
Chicago, Wilmington & Franklin Coal Co., No. 1	9	1	715,488	928	228	Machine	Motor	Machine	Closed	Yes
Chicago, Wilmington & Franklin Coal Co., No. 2	10	2	1,363,065	930	326	Machine	Motor	Machine	Closed	Yes
Consolidated Coal Co., Buckhorn.	12	1	100,811	83	83	Machine	Motor	Machine	Closed	No
Consolidated Coal Co., No. 7.	6	1	422,308	231	231	Machine	Motor	Machine	Open	No
Consolidated Coal Co., Jefferson, No. 20.	10	1	426,077	446	120,007	Machine	Motor	Machine	Closed	No
Greentown Mining Co., No. 6.	9	1	440,091	511	440,091	Machine	Both	Both	Closed	Partly
Franklin County Coal Corp., No. 5.	10	1	535,786	511	511	Machine	Both	Both	Closed	Yes
Franklin County Coal Corp., No. 7.	10	1	694,124	490	604,124	Machine	Motor	Both	Closed	Yes
Illinois Colliery Coal Corp., No. 1.	3	1	18,583	28	18,093	Machine	Both	Hand	Open	No
Illinois Pechertras Coal Co.	7	2	103,583	122	103,583	Machine	Both	Hand	Open	No
Livestock Mt. Ore Coal Co.	7	2	200,047	208	100,024	Machine	Motor	Hand	Open	No
Mt. Olive & Stanton Coal Co.	7	1	41,144	473	96	Machine	Mule	Machine	Open	No
Old Ben Coal Corp., No. 8.	10	1	675,947	473	675,947	Machine	Both	Machine	Open	Partly
Old Ben Coal Corp., No. 11	10	1	547,953	432	547,953	Machine	Motor	Machine	Closed	Yes
Parthor Creek Mt. Inc., No. 5.	10	1	469,668	330	234,534	Machine	Both	Machine	Closed	Yes
Peabody Coal Co., No. 7.	4	1	306,800	428	306,800	Hand	Both	Hand	Open	No
Peabody Coal Co., No. 8.	4	1	1,061,568	523	360,523	Machine	Motor	Machine	Both	Yes
Peabody Coal Co., No. 9.	4	1	1,117,976	518	1,117,976	Machine	Motor	Machine	Both	Yes
Peabody Coal Co., No. 10.	4	2	1,197,352	541	548,691	Machine	Motor	Machine	Both	Yes
Peabody Coal Co., No. 18.	10	2	325,663	474	262,812	Machine	Motor	Machine	Closed	Yes
Peabody Coal Co., No. 24.	5	3	655,201	566	218,400	Machine	Both	Both	Open	No
Peabody Coal Co., No. 43.	11	2	325,443	321	162,721	Machine	Motor	Machine	Closed	Yes
Peabody Coal Co., No. 47.	11	4	351,957	600	551,957	Machine	Both	Both	Closed	Yes
Peabody Coal Co., No. 53.	4	2	312,063	398	206,918	Machine	Both	Machine	Closed	No
Peabody Coal Co., No. 57.	4	1	253,598	378	176,799	Machine	Both	Machine	Open	Yes
Peabody Coal Co., No. 58.	4	1	731,777	388	731,777	Machine	Motor	Machine	Open	Yes
Peabody Coal Co., No. 59.	4	1	422,673	381	422,673	Machine	Both	Machine	Open	Yes
Pennell Coal Mining Co.	4	2	40,553	250	45,266	Machine	Both	Hand	Open	No
Perry Coal Co., St. Ellen.	8	1	267,818	322	267,818	Machine	Motor	Machine	Open	No
Princetonville Mining Co., No. 5.	9	1	28,000	63	28,000	Hand	Both	Hand	Open	No
Rex Coal Co., No. 2.	11	2	465,849	318	201,925	Machine	Both	Machine	Closed	No
Sahara Coal Co., No. 10.	11	1	245,481	430	245,481	Machine	Both	Machine	Open	No
St. Louis Coal Co.	11	1	377,574	218	177,574	Machine	Both	Both	Open	No
St. Louis & O'Fallon Coal Co., No. 2	8	1	586,961	334	389,991	Machine	Motor	Machine	Open	No
Seymour Coal Mining Co.	12	1	543,701	316	543,701	Machine	Both	Both	Open	No
Superior Coal Co., No. 1	12	1	414,259	514	414,259	Machine	Motor	Machine	Open	No
Tilton Mining Co.	5	1	39,829	66	39,829	Both	Mule	Hand	Open	No
Union Colliery Co.	9	3	1,075,066	631	338,365	Machine	Motor	Machine	Closed	Yes
United States Fuel Co., Bunsenville.	5	1	771,808	1,165	771,808	Machine	Motor	Both	Open	No
Valley Coal Co.	10	1	979,294	579	979,294	Machine	Motor	Machine	Closed	Yes
Vinegar Hill Coal Co.	8	1	57,355	30	57,355	Hand	Both	Hand	Open	No
Viridian Mining Corp.	6	2	128,273	137	64,133	Machine	Both	Machine	Open	Partly
Wasson Coal Co., "A."	11	1	121,781	211	121,781	Machine	Motor	Machine	Open	No
Wasson Coal Co., No. 1.	11	2	415,673	291	207,837	Machine	Motor	Machine	Closed	No

TABLE 39—TONS OF COAL MINED, NUMBER EMPLOYED, NUMBER KILLED AND INJURED, TONS MINED TO ONE MAN KILLED AND INJURED, AND RATIOS PER 1,000 EMPLOYED, AND PER 1,000,000 TONS MINED—1882-1939. INJURIES INVOLVING A LOSS OF 30 OR MORE DAYS TIME.

Year.	Tons mined.	Number employed.	Accidents.		Tons mined to one man.		Accidents.			
			Fatal.	Non-fatal.	Fatal.	Injured.	Per 1,000 employed.		Per 1,000,000 tons mined.	
							Fatal.	Non-fatal.	Fatal.	Non-fatal.
1882	9,115,061	20,290	40	50	227,892	182,313	2.0	2.5	4.4	5.5
1883	10,508,785	23,939	134	231	78,424	45,493	5.6	9.1	12.8	22.0
1884	10,101,004	25,575	46	197	219,587	51,274	1.8	7.7	4.6	19.5
1885	9,791,874	25,946	39	147	251,074	66,611	1.5	5.7	4.0	15.0
1886	9,246,435	25,846	52	171	177,816	54,073	2.0	6.6	5.6	18.5
1887	10,278,890	26,804	41	180	250,905	57,105	1.5	6.7	4.0	17.5
1888	11,855,188	29,410	55	179	215,549	66,230	1.9	6.1	4.7	15.1
1889	11,597,963	30,076	42	201	276,142	57,701	1.4	6.7	3.6	17.3
1890	12,638,364	28,574	53	294	238,460	42,998	1.9	10.3	4.2	23.4
1891	15,660,698	32,951	60	357	261,012	42,672	1.9	11.1	3.9	23.4
1892	17,862,576	33,632	57	370	313,373	48,276	1.7	11.0	3.2	20.7
1893	19,949,564	35,390	69	403	289,124	49,502	1.9	11.4	3.5	20.2
1894	17,113,576	38,477	72	521	237,690	32,848	1.9	13.5	4.2	30.4
1895	17,735,864	38,630	75	605	236,478	29,315	1.9	15.7	4.2	34.1
1896	19,786,626	37,032	77	672	256,969	29,444	2.1	18.1	3.9	34.0
1897	20,072,758	33,788	69	518	290,909	38,750	2.0	15.3	3.4	25.8
1898	18,599,299	35,026	75	438	247,991	42,404	2.1	12.5	4.0	23.5
1899	23,434,445	36,901	84	597	278,981	39,254	2.3	16.2	3.6	25.5
1900	25,153,929	39,384	94	611	267,559	41,108	2.4	15.5	3.7	24.3
1901	26,685,319	44,143	99	622	269,549	63,235	2.2	9.6	3.8	15.8
1902	30,021,300	46,003	99	406	303,245	73,944	2.2	8.8	3.3	13.5
1903	34,955,400	49,814	156	410	224,073	85,257	3.1	8.2	4.5	11.7
1904	37,077,897	54,774	157	507	236,165	73,132	2.9	9.3	4.2	13.7
1905	37,183,374	59,230	199	535	185,852	69,502	3.4	9.0	5.4	14.4
1906	38,317,581	62,283	155	480	247,210	79,828	2.5	7.7	4.0	12.5
1907	47,798,621	66,714	185	636	289,689	75,155	2.5	9.5	3.5	13.3
1908	49,272,436	70,841	182	819	269,248	90,162	2.6	11.6	3.7	16.6
1909	49,163,710	72,733	213	894	230,816	54,993	2.9	12.3	4.3	18.2
1910	48,717,853	74,634	406	742	119,995	65,657	5.4	9.9	8.3	15.2
1911	50,165,099	77,410	157	709	319,523	70,755	2.0	9.2	3.1	14.2
1912	57,514,240	79,411	180	800	315,524	71,893	2.3	10.7	3.1	13.9
1913	61,846,204	79,497	175	1,025	353,407	60,338	2.2	12.0	2.8	16.2
1914	60,715,795	80,035	169	1,079	381,860	56,591	2.0	13.4	2.6	17.6
1915	57,601,694	75,607	180	1,013	320,009	56,870	2.4	13.4	3.1	17.6
1916	63,673,530	75,919	165	1,305	385,900	48,792	2.2	17.2	2.6	20.5
1917	78,983,517	80,893	207	1,634	381,563	48,338	2.6	20.2	2.6	20.7
1918	89,979,469	91,372	259	2,161	347,411	41,638	2.8	23.7	2.9	24.0
1919	75,009,784	90,897	208	2,620	361,057	38,664	2.3	28.8	2.8	34.9
1920	73,920,653	88,192	181	3,571	408,401	20,700	2.5	40.5	2.4	48.3
1921	80,121,948	95,763	222	4,327	360,910	18,517	2.3	45.2	2.8	54.0
1922	63,276,827	98,090	159	3,879	397,962	16,315	1.6	39.5	2.5	61.3
1923	75,514,095	103,566	161	3,615	469,032	20,889	1.6	34.9	2.1	47.9
1924	63,673,530	99,765	184	3,895	392,982	18,565	1.8	39.0	2.5	53.9
1925*	103,186,166	81,684	183	4,712	563,859	21,713	2.4	57.7	1.8	46.0
1926	69,813,255	77,732	165	3,083	423,111	22,642	2.1	39.7	2.4	44.2
1927	46,949,700	78,572	106	1,398	442,922	33,583	1.3	18.0	2.3	29.8
1928	56,211,082	65,508	139	2,176	404,396	25,832	2.1	33.2	2.5	38.7
1929	61,127,759	58,596	109	2,392	560,805	25,556	1.9	40.8	1.8	39.1
1930	54,035,116	56,011	112	1,649	432,456	32,768	2.0	29.4	2.1	30.5
1931	45,152,623	53,550	90	1,530	501,696	29,512	1.7	28.6	2.0	33.9
1932	34,120,786	51,554	114	951	299,305	35,879	2.2	18.4	3.3	27.9
1933	38,320,125	48,464	71	1,197	539,720	32,013	1.5	24.6	1.9	31.5
1934	41,724,078	48,499	86	1,112	455,164	37,522	1.8	22.7	2.1	26.6
1935	45,013,278	49,100	82	1,225	448,907	36,743	1.7	27.2	1.8	24.9
1936	51,475,899	49,142	93	1,145	553,504	44,957	1.9	23.2	1.8	22.2
1937	52,432,255	46,580	83	1,023	631,714	51,253	1.7	21.9	1.6	19.5
1938	42,387,368	43,420	84	816	504,612	51,945	1.9	18.7	1.9	19.2
1939	47,627,454	40,909	80	837	595,343	56,903	1.9	20.4	1.6	17.6
Average—58 years...	42,103,359	56,284	125	1,198	336,827	35,145	2.2	21.3	2.9	28.4

* From July 1, 1924 to December 31, 1925.

TABLE 40—NON-FATAL ACCIDENTS BY DISTRICTS AND MONTHS—1939.

District.	Number injured.	Number not returned.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.		Monthly tabulation.	
			Total.	Average.	Number injured.	Days lost.		Number injured.	Month.	Number injured.
						Total.	Average.			
First District—										
Shipping—	74	8	1,698	26	52	894	17	14	January—	201
Local—	19	2	614	34	10	132	13	7	Shipping—	31
Second District—										
Shipping—	39	5	1,374	40	15	266	18	19	February—	191
Local—	37	6	845	27	21	318	15	10	Shipping—	36
Third District—										
Shipping—	45	8	1,497	40	20	367	13	17	March—	199
Local—	38	7	897	29	20	256	13	11	Shipping—	19
Fourth District—										
Shipping—	341	44	10,855	37	153	2,292	15	144	April—	151
Local—	22	5	471	25	11	157	14	6	Shipping—	16
Fifth District—										
Shipping—	115	21	3,561	38	43	552	13	51	May—	159
Local—	32	4	743	27	14	217	15	14	Shipping—	7
Sixth District—										
Shipping—	246	26	8,772	40	100	1,509	15	120	June—	93
Local—	2		104	52				2	Shipping—	2
Seventh District—										
Shipping—	155	8	5,551	38	78	1,130	14	69	July—	103
Local—	26	5	521	25	13	139	15	8	Shipping—	10
Eighth District—										
Shipping—	85	10	2,118	28	46	679	15	29	August—	132
Local—	29	7	493	22	17	277	16	5	Shipping—	17
Ninth District—										
Shipping—	187	20	6,042	36	95	1,450	15	72	September—	147
Local—	9		246	27	6	121	20	3	Shipping—	20
Tenth District—										
Shipping—	311	44	10,629	40	151	2,359	16	116	October—	191
Local—									Shipping—	36
Eleventh District—										
Shipping—	297	32	7,639	39	105	1,734	17	90	November—	186
Local—	7		223	32	2	35	18	5	Shipping—	21
Twelfth District—										
Shipping—	62	9	1,920	36	28	402	14	25	December—	134
Local—	23	2	361	13	21	301	13		Shipping—	29
Total shipping mines—	1,887	235	61,686	37	886	13,504	15	766		1,887
Total local mines—	244	38	5,488	27	135	2,053	15	71		244
Total all mines—	2,131	273	67,174	36	1,021	15,557	15	837		2,131

[illegible]

PRODUCTION OF COAL IN TONS—1882-1939.

NORTHERN DISTRICT.		CENTRAL DISTRICT.		SOUTHERN DISTRICT.	
County.	Tons.	County.	Tons.	County.	Tons.
Bureau.....	46,662,059	Bond.....	7,077,812	Franklin.....	299,636,547
Fulton.....	87,387,818	Cass.....	212,345	Gallatin.....	3,384,827
Grundy.....	38,822,561	Christian.....	111,249,547	Jackson.....	55,787,625
Hancock.....	312,556	Edgar.....	571,995	Jefferson.....	1,351,698
Henry.....	12,419,178	Greene.....	602,775	Johnson.....	242,709
Kankakee.....	1,951,778	Jersey.....	115,079	Perry.....	97,202,084
Knox.....	7,533,322	Logan.....	13,628,362	Randolph.....	37,885,199
LaSalle.....	62,945,729	Macon.....	10,682,075	Saline.....	129,210,163
Livingston.....	10,068,875	Macoupin.....	204,544,834	Washington.....	13,823,788
McDonough.....	2,584,037	McLean.....	5,534,589	Williamson.....	232,428,200
Marshall.....	12,490,334	Madison.....	130,792,513		
Mercer.....	14,925,610	Marion.....	35,956,674		
Peoria.....	56,199,199	Menard.....	12,558,778		
Putnam.....	10,071,893	Montgomery.....	68,237,721		
Rock Island.....	3,782,225	Moultrie.....	2,032,236		
Schuyler.....	1,309,411	St. Clair.....	175,697,016		
Stark.....	1,188,748	Sangamon.....	205,102,069		
Tazewell.....	16,388,805	Shelby.....	4,088,904		
Warren.....	636,143	Vermilion.....	128,534,637		
Will.....	19,036,161	Clinton.....	34,533,581		
Woodford.....	7,402,616	Morgan.....	171,223		
		Scott.....	608,818		
Total.....	414,119,058		1,152,533,583		870,952,840

RECAPITULATION.

Northern District.....	414,119,058
Central District.....	1,152,533,583
Southern District.....	870,952,840
Counties not listed.....	2,339,099

Grand total..... 2,439,944,580

Annual average production, 58 years—42,068,010 tons.

REPORT OF STATE INSPECTORS

SPECIAL NOTICE

From January 1, 1939 to August 1, 1939, the State was divided into TWELVE INSPECTION DISTRICTS. Pursuant to amendments to the General Mining Laws enacted by the 61st General Assembly and approved July 13, 1939, the State was divided into FOURTEEN INSPECTION DISTRICTS. Changes affecting many counties in transferring them from one district to another under the new laws made it impossible to give proper credit to the New Districts and therefore, this book report carries only TWELVE Districts as in former years. The annual coal report for 1940 will carry fourteen inspection districts.

FIRST DISTRICT

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the First Inspection District, comprising the coal producing counties of Bureau, Grundy, Henry, LaSalle, Livingston, Mercer, Rock Island and Will for the year ending December 31, 1939.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,

STEVE L. FALETTA, *Inspector.*

FIRST DISTRICT.

	1939	1938	1937	1936	1935
Number of counties producing coal.....	8	9	9	9	9
Number of shipping mines.....	9	9	12	12	9
Number of local mines.....	114	102	113	149	170
Number of employees underground.....	1,475	1,798	2,085	2,203	2,273
Number of employees on surface.....	1,034	1,082	1,159	1,275	1,122
Total number employed.....	2,509	2,880	3,244	3,478	3,395
Tons of coal produced in shipping mines.....	2,163,469	2,202,436	2,452,644	2,452,586	1,930,673
Tons of coal produced in local mines.....	439,491	443,653	521,373	722,483	659,754
Tons of coal produced, total.....	2,602,960	2,646,089	2,974,017	3,175,069	2,590,427
Days operated, shipping mines, average.....	169	168	147	112	192
Days operated, local mines, average.....	111	116	116	156	117
Number of undercutting machines.....	17	21	28	25	25
Tons undercut.....	259,860	264,238	331,827	410,715	320,465
Tons mined by hand.....	245,457	288,494	378,642	473,187	548,713
Tons mined in strip mines.....	2,097,643	2,093,357	2,263,548	2,291,167	1,721,249
Number of loading machines used.....					
Tons loaded mechanically.....					
Number of fatal accidents.....	2	3	3		7
Number of non fatal accidents.....	93	109	203	218	210
Number of employees to each fatality.....	1,255	990	1,081	3,478	485
Number employed to each non fatal accident.....	27	27	16	16	16
Tons of coal mined to each fatality.....	1,301,480	882,030	991,339	3,175,069	370,061
Tons of coal mined to each non fatal accident.....	27,989	24,276	14,650	14,564	12,335
Number of fatalities per 1,000 employed.....	.1	.1	.9		2.1
Number injured per 1,000 employed.....	37.0	37.8	62.5	62.4	61.8

CHANGE OF NAME.

Shuler Coal Co., to Alpha Coal Mine, Henry County.

IDLE MINES.

Prairie State Coal Co., Putnam County.

FATAL ACCIDENTS.

February 14, John J. Gosch, miner and loader, aged 46 years, married, killed by fall of rock in mine of Kewanee Coal Co., leaving widow and three children.

April 14, John Benson, miner, aged 55 years, married, killed by fall of top coal in mine of Woolley-Peters & Lawson, leaving widow.

FATAL ACCIDENTS—FIRST DISTRICT, 1939.

Date of injury, death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Widow.	Children.	Dependents.	Cause of death.
Feb. 14 Feb. 14	John J. Gosch.	46	Miner and loader	Kewanee.	Kewanee Coal Co.		1	1	3	4	Fall of rock.
Apr. 14 Apr. 14	John Benson.	55	Miner	Moline.	Woolley-Peters-Lawson.		1	1	1	1	Fall of top coal.

NON-FATAL ACCIDENTS—FIRST DISTRICT.

Name of operator.	Number injured.	Number not returned.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.		Month in which accident occurred.	
			Total.	Average.	Number injured.	Days lost. Total.	Days lost. Average.	Number injured.	Month.	Number injured.
Alpha Coal Mine.	2	2							January	17
Midland Electric Coal Corp., No. 1.	6	2	183	26	5	93	90	2	February	11
Northern Illinois Coal Corp., No. 10.	12		223	17	11	193	30	1	March	13
Osage Coal Co.	2		247	125	1	9	240	1	April	10
Peru Deep Vein Coal Co.	1		85	14	6	85		5	May	2
Spring Valley Coal Mining Co.	13	2	309	28	6	92	217	5	June	3
Union Coal Co.	29	1	649	23	23	422	227	5	July	8
Shipping Mines	74	8	1,698	26	52	894	17	14	August	2
Local Mines	19	2	644	34	10	132	57	7	September	10
							132	7	October	8
								62	November	9
Total	93	10	2,342	28	62	1,026	17	21	December	8
								1,316		93

BUREAU COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	SHIPPING MINES.						
S-1	Spring Valley Coal Mining Co., No. 3.....	Spring Valley...	45,767	1,021			40,879
	LOCAL MINES.						
L-1	L. F. Brandt & Son.....	Mineral.....	2,400				2,400
L-2	Comp Mine.....	Sheffield.....	246				240
L-3	Gilbert Pollock.....	Sheffield.....	1,204				1,204
L-5	Good Luck Coal Mine.....	Sheffield.....	422				324
L-6	Indian Hill Coal Mine.....	Mineral.....	3,970				3,961
L-7	Jenkins & Crosland, No. 2.....	Mineral.....	2,709				2,603
L-19	Coal Creek Coal Co.....	Sheffield.....	800				750
L-20	Katcher & Lesak.....	Streator.....	253				247
	8 local mines total.....		12,004				11,729
	9 all mines total.....		57,771	1,021			52,608

GRUNDY COUNTY

LOCAL MINES.							
L-1	Morris Coal & Mining Co.....	Morris.....	56,003				55,800
L-2*	Verona Coal Mining Co., Inc.....	Verona.....	12,467				12,467
L-2*	Verona Coal Mining Co.....	Verona.....	26,986				26,532
L-3	South Wilmington Coal Co., No. 3.....	South Wilmington.....	26,648				24,003
L-5	Truckers Coal Co.....	Braceville.....	80				79
L-7*	Clark City Wilmington Coal Co.....	Gardner.....	640				540
L-7*	Clark City Coal Co.....	Gardner.....	114				78
L-7*	Grand Prairie Mining Co.....	Gardner.....	737				659
L-11	Robert Condon, No. 2.....	Morris.....	2,405				2,347
L-14	Coal City Coal Co., Inc.....	Coal City.....	2,792				2,302
7 local mines total.....			128,870				124,807

* Number of employees, mining machines, motors and animals underground averaged account different management of same mine.

FIRST DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
2,847	1,020	239	101	-----	-----	-----	-----	-----	-----	-----	45,767	-----	39	S-1
-----	-----	6	200	50	-----	-----	-----	-----	-----	-----	2,400	-----	-----	L-1
6	-----	9	79	96	-----	-----	-----	-----	-----	-----	246	-----	-----	L-2
-----	-----	5	264	55	-----	-----	-----	-----	-----	-----	1,204	-----	-----	L-3
98	-----	4	90	36	-----	-----	-----	-----	-----	-----	422	-----	-----	L-5
9	-----	6	171	489	-----	-----	-----	-----	-----	-----	3,970	-----	-----	L-6
106	-----	10	145	68	-----	-----	-----	-----	-----	-----	2,709	-----	-----	L-7
-----	50	8	15	-----	-----	35	-----	-----	-----	-----	-----	800	-----	L-19
6	-----	3	60	-----	25	-----	-----	-----	-----	-----	-----	253	-----	L-20
225	50	51	128	794	25	35	-----	-----	-----	-----	10,951	1,053	-----	-----
3,072	1,070	290	125	794	25	35	-----	-----	-----	-----	56,718	1,053	39	-----

FIRST DISTRICT.

203	-----	19	250	50,000	-----	-----	-----	-----	-----	-----	56,003	-----	-----	L-1
-----	454	*34	93	6,200	-----	*2	*1	12,467	-----	-----	-----	*3	-----	L-2
-----	-----	*36	121	14,000	-----	*2	*1	26,986	-----	-----	-----	*4	-----	L-2
1,656	987	96	155	143	-----	-----	-----	-----	-----	25,646	-----	11	-----	L-3
1	-----	32	8	8	-----	-----	-----	-----	-----	80	-----	-----	-----	L-5
100	-----	*7	125	500	-----	-----	-----	-----	-----	640	-----	*1	-----	L-7
36	-----	*5	40	75	-----	-----	-----	-----	-----	114	-----	*1	-----	L-7
78	-----	*7	80	350	-----	-----	-----	-----	-----	737	-----	*1	-----	L-7
25	33	9	154	108	-----	-----	-----	-----	-----	2,405	-----	-----	-----	L-11
490	-----	7	271	60	50	150	1	804	-----	1,988	-----	-----	-----	L-14
2,589	1,474	204	185	319	71,125	50	150	3	1	40,257	32,610	56,003	16	-----

HENRY COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
S-1	Midland Electric Coal Cos., No. 1.....	Atkinson.....	629,274	417,171	193,370		6,076
S-2*	Shuler Coal Co.....	Alpha.....	20,386	6,970	3,222		9,595
S-2*	Alpha Coal Mine.....	Alpha.....	6,286	1,559			4,486
2 shipping mines total.....			655,946	425,700	196,592		20,157
LOCAL MINES.							
L-1	Valley View Coal Co., Inc., No. 2.....	Crampton.....	12,152				11,646
L-2	Warner Coal Co.....	Orion.....	33,032				32,982
L-3	Quality Mining Co., Inc.....	Geneseo.....	3,961				3,700
L-4	Black Hawk Coal Co.....	Coal Valley.....	5,068				5,050
L-5	Lamb & Powers.....	Kewanee.....	3,476				3,471
L-6	Pettit & Head.....	Kewanee.....	3,232				3,222
L-8	Chas. Olman & Sons.....	East Moline.....	570				570
L-9	Crescent Coal Co.....	Kewanee.....	2,612				2,396
L-10	Long View Coal Co., Inc.....	Coal Valley.....	8,459				8,459
L-11	Kewanee Coal Co.....	Kewanee.....	2,266				1,858
L-15	Ratliffe Fuel Co.....	Kewanee.....	1,836				1,836
L-16	Crescent Coal & Mining Co.....	Briar Bluff.....	2,676				2,676
L-17	B. & H. Coal Co.....	Coal Valley.....	1,557				1,557
L-18	Ripka Coal Co.....	Kewanee.....	252				240
L-19	New Deal Coal Co.....	Kewanee.....	600				450
L-20	Abb Hodgett.....	Kewanee.....	406				406
L-21	New North East Coal Co.....	Kewanee.....	827				760
L-23	Rock River Mine.....	Coal Valley.....	512				472
L-24	Star Coal Mine.....	Kewanee.....	836				596
L-27	New Square Deal Coal Co.....	Kewanee.....	920				897
L-28	McBride & Sons.....	Coal Valley.....	85				85
L-31	West Geneseo Coal Co.....	Geneseo.....	86				86
L-33	Edford Coal Mine.....	Geneseo.....	190				165
L-34	Gem Coal Mine.....	Coal Valley.....	418				418
L-35	Shady Beach Mine.....	Geneseo.....	462				462
L-36	Edgar Bellrose, Red Arrow Coal Co.....	Kewanee.....	910				910
26 local mines total.....			87,401				85,370
28 all mines total.....			743,347	425,700	196,592		105,527

LA SALLE COUNTY

SHIPPING MINES.							
S-1	Buffalo Rock Coal Co.	Ottawa	24,543	6,472	361		17,710
S-2	Peru Deep Vein Coal Co., No. 3	Peru	52,576	12,586			35,546
S-3	Union Coal Co.	Peru	119,209	39,323			76,440
S-4	Wilmington Coal Mines, Inc.	Ottawa	14,290	2,401			11,850
S-5	Osage Coal Co., No. 1	Ottawa	108,235	22,506	1,532		82,291
	5 shipping mines total		318,853	83,288	1,893		223,837

* Number of employees, mining machines, motors and animals underground averaged account different management of same mine.

FIRST DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
6,520	6,137	142	285		73,862							629,274		S-1
599		*157	59	1,803							20,386		*24	S-2
29	212	*66	40	607		100					6,286		*10	S-2
7,148	6,349	254	192	2,410	73,862	100					26,672	629,274	17	
40	466	39	120	810							12,152		5	L-1
50		56	185	2,888	4,200				1		33,032		7	L-2
150	111	12	150	364							3,961		3	L-3
18		10	131		6,150						5,068		2	L-4
5		8	160	4							3,476		1	L-5
10		8	207								3,232			L-6
		3	137	40							570			L-8
216		7	287								2,612			L-9
		11	228		8,800						8,459		2	L-10
408		7	160	225							2,266			L-11
		5	156	24							1,836			L-15
		7	132		5,500						2,676		2	L-16
		4	140	105							1,557		1	L-17
12		5	40								252			L-18
150		5	120								600			L-19
		3	90								406			L-20
35	32	4	184								827			L-21
	40	5	67		300						512		1	L-23
240		4	187	16							836			L-24
23		7	146	7							920			L-27
		3	25	10							85			L-28
		4	16	5							86			L-31
25		3	115	7	100						190			L-33
		8	27		600						418			L-34
		5	67	47							462		1	L-35
		5	35		200								910	L-36
1,382	649	238	127	4,552	25,850				1		86,491	910	25	
8,530	6,998	492	132	6,962	99,712	100			1		113,163	630,184	42	

FIRST DISTRICT.

		23	119		2,900	450						24,542		S-1
323	4,121	144	147			1,000		2	1	52,576			12	S-2
128	3,318	329	183					5	2	119,209			40	S-3
39		20	117		10,000							14,290		S-4
1,906		71	204		14,000	2,250						108,235		S-5
2,396	7,439	587	154		26,900	3,700		7	3	171,755		147,068	52	

LASALLE COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
L-3	French Coal Co.	Streator	22,209				22,209
L-5	E. Roy Meyers	Ottawa	696				600
L-7	Chicago Retort & Fire Brick Co.	Ottawa	4,250				
L-8	Illinois Valley Coal Co.	Marseilles	233				200
L-10	Spring Lake Coal Co.	Streator	7,724				7,724
L-16	Mitchell & Brown	Streator	821				786
L-17	Blue Eagle Coal Co.	Streator	1,026				950
L-20	Andrew Kollar	Streator	1,267				1,267
L-22	Dimmick Hill Coal Mine	Ottawa	28				18
L-24*	Salt Well Coal Co.	Ottawa	157				157
L-24*	Salt Well Mine	Ottawa	83				73
L-24*	Salt Well Mine	Ottawa	16				11
L-26	Ottawa Mining Co.	Ottawa	10,577				10,577
L-27	Fox River Clay Works	Dayton	210				80
L-28*	Oaks Coal Co.	Streator	40				38
L-28*	Oaks Coal Co.	Streator	169				156
L-30*	William Woods	Streator	28				28
L-30*	Hyduck Bros. Coal Co.	Streator	8				8
L-31	Seventh Street Mine	Streator	339				239
L-32	Moran Coal Co.	Streator	1,073				1,073
L-34	Joe Senko	Streator	250				250
L-37	J. L. Johnson	Ottawa	40				38
L-40	Leo Brown	Ottawa	924				924
L-41*	Thirl Costen, No. 1	Tonica	32				30
L-41*	B. & P. Coal Co.	Granville	110				110
L-45	Brooker Bros.	Utica	642				642
L-50	William Pettigrew	Tonica	20				15
L-58	Mike Bima Mine	Lowell	24				24
L-64	T. E. Willett	Ottawa	16				15
L-65	Fetters & Ratcliff	Streator	202				202
L-82	Deer Coal Co.	Ottawa	300				290
L-86	Lowell Strip Mine	Streator	103				91
L-88	West Side Coal Co.	Streator	1,210				1,210
L-92	Ray's Coal Co.	Streator	170				135
L-96	E. Roy Meyers	Ottawa	126				100
L-97	Geo. Buffington Coal Co.	LaSalle	45				45
L-98	Ottawa Mining Co.	Ottawa	6,266				6,266
L-99	John Martino	Utica	90				90
L-100	Hillside Coal Mine	Streator	324				324
L-101	Humenick & Surrock	Streator	16				16
L-102	Harcharick Coal Co.	Lowell	100				84
L-103	Geo. Prator, No. 3	Ottawa	18				10
37 local mines total			61,982				57,105
42 all mines total			380,835	83,288	1,893		280,942

* Number of employees, mining machines, motors and animals underground averaged account different management of same mine.

FIRST DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
96		23	182		12,000			1		22,209			3	L-3
4,250		5	137		150							696		L-5
33		12	325	77		134						4,250		L-7
		40	6					1		200	33		3	L-8
5	30	7	136									7,724		L-10
6	70	3	180	30							821			L-16
		4	175	70							1,026			L-17
		4	123		200	500						1,267		L-20
	10	3	28	1								28		L-22
		*5	53	3								157	*	L-24
	10	*5	90	3								83	*	L-24
	5	*6	7	1								16	*	L-24
		10	88			4,000								L-26
110	20	3	50									10,577		L-26
2		*5	15	4				*			40	210		L-27
3	10	*4	49	6				*1		50	119		*1	L-28
		*2	10									28	*	L-30
		*2	30									8	*	L-30
100		5	78	13							339			L-31
		4	160	28							1,073			L-32
		4	200	25							250		1	L-34
2		2	25									40		L-37
2		2	120									924		L-40
2		*2	30	30							32		*	L-41
		*3	58	10							110		*	L-41
		2	130	22							642			L-45
5		1	10		25						20			L-50
		3	25								24			L-58
1		3	20								16			L-64
		4	50	10							202			L-65
	10	4	26		60							300		L-82
12		3	30									103		L-86
		5	152	30							1,210			L-88
35		5	54		800						170			L-92
26		4	90									126		L-96
		3	10		700						45			L-97
		12	79									6,266		L-98
		3	100	3							90			L-99
		3	75	14		28					324			L-100
		2	16	1							16			L-101
2	14	4	60	5							100			L-102
8		2										18		L-103
4,698	179	210	89	356	13,965	4,662		3		22,459	6,986	32,537	8	
7,094	7,618	797	97	356	40,865	8,362		10	3	194,244	6,986	179,605	60	

LIVINGSTON COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
L-1	Coalville Coal Co.	Streator	1,495				1,495
L-3	Indan Creek Coal Co., No. 1	Fairbury	6,693				6,072
L-6	J. J. Barry	Streator	100				100
L-15	Hyduk Bros	Streator	100				90
L-16	Guyon & Liptak	Streator	255				255
L-24	Gall & Wargo Coal Co.	Streator	113				107
L-26	Mill Dam Coal Co.	Streator	865				795
L-29	Baiett & Talbot Coal Co.	Streator	1,289				1,289
L-30	Archie Crouch	Streator	92				32
L-31	Baiett & Talbot Coal Co., No. 3	Streator	1,267				1,267
L-32	Moon Coal Co.	Streator	74				74
L-33	Chas. Veditraimo	Streator	48				47
L-34	G. E. Connolly Coal Co.	Streator	150				150
L-35	Coalville Coal Co.	Streator	811				811
14 local mines total			13,352				12,584

MERCER COUNTY

LOCAL MINES.							
L-1	Pease Coal Co.....	Viola.....	8,000				7,500
L-2	Frye & Bollman.....	Viola.....	5,222				5,099
L-3	Never Seen Coal Co.....	Matherville.....	2,888				2,888
L-4	Essley Coal Co., No. 2.....	Viola.....	1,482				1,422
L-5	Goben & Peterson.....	Aledo.....	203				182
L-7	Kness Coal Co.....	Viola.....	1,915				1,765
L-8*	Wm. H. Faulconer.....	Viola.....	700				696
L-8*	Wm. H. Faulconer.....	Viola.....	81				80
L-8*	Avon Coal Co.....	Viola.....	1,886				1,886
L-9	Lee Bros. Mine.....	Matherville.....	826				800
L-11	Charley Smith.....	Viola.....	213				177
L-15	Three In One Coal Co.....	Viola.....	98				98
L-16	Guthrie Coal Co.....	Viola.....	2,783				2,783
L-18*	James H. Docherty & Son.....	Reynolds.....	240				240
L-18*	Blue Flame Coal Co.....	Reynolds.....	60				40
L-31	Smith Bros. Coal Co.....	Aledo.....	201				185
L-32	Cable Coal Co.....	Matherville.....	120				120
L-33	Morris Cooperative Coal Co.....	Aledo.....	29				29
15 local mines total.....			26,947				25,990

* Number of employees, mining machines, motors and animals underground averaged account different management of same mine.

FIRST DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
281	340	36	30	110							1,495		3	L-1
		19	105	36				1		6,693			5	L-3
10		2	30									100		L-6
		2	90									100		L-15
6		3	92	2								255		L-16
70		3	75	4										L-24
		4	256	24							113			L-26
		6	76		50						865			L-29
1	59	3	60								92	1,289		L-30
		7	90											L-31
		6	20								74	1,267		L-32
1		6	15	3							48			L-33
		8	25											L-34
		5	21									150		L-35
												811		
369	399	110	70	179	50			1		6,693	2,687	3,972	8	

FIRST DISTRICT.

500		8	200	80				1		8,000			3	L-1
123		12	185	320							5,222		1	L-2
		15	90	250							2,888		3	L-3
60		15	46	145							1,482		2	L-4
21		3	65	35							203		1	L-5
150		4	150	80							1,915		1	L-7
4		*6	40	44							700		2	*L-8
1		*5	20	10							81		2	*L-8
		*10	68	60							1,886		2	*L-8
	26	3	110	40							826		1	L-9
	36	3	112	28							213			L-11
		3	36	18							98			L-15
		6	250	220							2,783		1	L-16
		*2	75	22							240			*L-18
20		*3	30	6							60			*L-18
16		4	39	9	550						201		1	L-31
		4	65		200						120			L-32
		3	23	1							29			L-33
895	62	93	107	1,368	750			1		8,000	18,947		16	

ROCK ISLAND COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	LOCAL MINES.						
L-1	Mielke Bros.	Coal Valley	16,244	-----	-----	-----	15,815
L-2	Woolley-Peters-Lawson	Coal Valley	3,276	-----	-----	-----	3,276
L-3	Rural Coal Mine	Coal Valley	1,898	-----	-----	-----	1,898
L-4	Pryce Coal Mine	Coal Valley	573	-----	-----	-----	570
L-6	Edw. Stoehr & Sons	Moline	1,600	-----	-----	-----	1,600
L-7	James Utts	Coal Valley	1,421	-----	-----	-----	1,421
	6 local mines total.		25,012	-----	-----	-----	24,580

WILL COUNTY

SHIPPING MINES.							
S-1	Northern Illinois Coal Corp., No. 10	Wilmington	1,142,903	682,968	293,587	-----	149,723
LOCAL MINES.							
L-1	Wilmington Coal Mining Corp.	Morris	83,923	-----	-----	-----	83,700

* Number of employees, mining machines, motors and animals underground averaged account different management of same mine.

FIRST DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
68	361	41	180		11,200			1		8,768	7,476		4	L-1
		6	223	320							3,276		1	L-2
		5	100	400				1	1	1,898			1	L-3
3		5	96		2,500						573		1	L-4
		7	215	130							1,600		1	L-6
		7	120		625						1,421		1	L-7
71	361	72	156	850	14,325			2	1	10,666	14,346		8	

FIRST DISTRICT.

6,473	10,152	418	263		44,700	156,650	6,300					1,142,903		S-1
223		33	220									83,923		L-1

FIRST DISTRICT SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Bureau.....	1	45,767	1,021	-----	-----	40,879	2,847	1,020
Henry.....	2	655,946	425,700	196,592	-----	20,157	7,148	6,349
LaSalle.....	5	318,853	83,288	1,893	-----	223,837	2,396	7,439
Will.....	1	1,142,903	682,968	293,587	-----	149,723	6,473	10,152
Total.....	9	2,163,469	1,192,977	492,072	-----	434,596	18,864	24,960

LOCAL

Bureau.....	8	12,004	-----	-----	-----	11,729	225	50
Grundy.....	7	128,870	-----	-----	-----	124,807	2,589	1,474
Henry.....	26	87,401	-----	-----	-----	85,370	1,382	649
LaSalle.....	37	61,982	-----	-----	-----	57,105	4,698	179
Livingston.....	14	13,352	-----	-----	-----	12,584	369	399
Mercer.....	15	26,947	-----	-----	-----	25,990	895	62
Rock Island.....	6	25,012	-----	-----	-----	24,580	71	361
Will.....	1	83,923	-----	-----	-----	83,700	223	-----
Total.....	114	439,491	-----	-----	-----	425,865	10,452	3,174

ALL

Bureau.....	9	57,771	1,021	-----	-----	52,608	3,072	1,070
Grundy.....	7	128,870	-----	-----	-----	124,807	2,589	1,474
Henry.....	28	743,347	425,700	196,592	-----	105,527	8,530	6,998
LaSalle.....	42	380,835	83,288	1,893	-----	280,942	7,094	7,618
Livingston.....	14	13,352	-----	-----	-----	12,584	369	399
Mercer.....	15	26,947	-----	-----	-----	25,990	895	62
Rock Island.....	6	25,012	-----	-----	-----	24,580	71	361
Will.....	2	1,226,826	682,968	293,587	-----	233,423	6,696	10,152
Total.....	123	2,602,960	1,192,977	492,072	-----	860,461	29,316	28,134

RECAPITULATION BY COUNTIES.

Total em- ployes.	Days oper- ated.	Explosives used for blasting coal.				Number of mining ma- chines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Pow- der— kegs.	Pellet pow- der— pounds.	Dyna- mite— pounds.	Permis- sible— pounds.			Machine.	Hand.	Stripping.	
239	101								45,767		39
254	192	2,410	73,862	100					26,672	629,274	17
587	154		26,900	3,700		7	3	171,785		147,068	52
418	263		44,700	156,650	6,300					1,142,903	
1,498	169	2,410	145,462	160,450	6,300	7	3	171,785	72,439	1,919,245	108

MINES.

51	128	794	25	35					10,951	1,053	
204	185	319	71,125	50	150	3	1	40,257	32,610	56,003	16
238	127	4,552	25,850				1		86,491	910	25
210	89	356	13,965	4,662		3		22,459	6,986	32,537	8
110	70	179	50			1		6,693	2,687	3,972	8
93	107	1,368	750			1		8,000	18,947		16
72	156	850	14,325			2	1	10,666	14,346		8
33	220									83,923	
1,011	111	8,418	126,090	4,747	150	10	3	88,075	173,018	178,398	81

MINES.

290	125	794	25	35					56,718	1,053	39
204	185	319	71,125	50	150	3	1	40,257	32,610	56,003	16
492	132	6,962	99,712	100			1		113,163	630,134	42
707	97	356	40,865	8,362		10	3	194,244	6,986	179,605	60
110	70	179	50					6,693	2,687	3,972	8
93	107	1,368	750			1		8,000	18,947		16
72	156	850	14,325			2	1	10,666	14,346		8
451	242		44,700	156,650	6,300					1,226,826	
2,509	115	10,828	271,552	165,197	6,450	17	6	259,860	245,457	2,097,643	189

SECOND DISTRICT

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Second Inspection District, comprising the coal producing counties of Marshall, Peoria, Stark, Tazewell and Woodford, for the year ending December 31, 1939.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,

GEORGE H. DEEMY, *Inspector.*

SECOND DISTRICT.

	1939	1938	1937	1936	1935
Number of counties producing coal.....	5	5	5	5	5
Number of shipping mines.....	4	7	8	8	8
Number of local mines.....	97	90	101	125	114
Number of employees underground.....	2,064	2,308	2,356	2,525	2,503
Number of employees on surface.....	224	227	372	265	277
Total number employed.....	2,288	2,535	2,728	2,790	2,780
Tons of coal produced in shipping mines.....	938,629	1,079,777	1,311,027	1,564,677	1,460,046
Tons of coal produced in local mines.....	526,499	466,542	562,278	503,449	486,377
Tons of coal produced, total.....	1,465,128	1,546,319	1,873,305	2,068,126	1,946,423
Days operated, shipping mines, average.....	117	110	140	165	173
Days operated, local mines, average.....	136	139	151	118	120
Number of undercutting machines.....	75	87	92	95	92
Tons undercut.....	1,283,547	1,358,936	1,627,047	1,824,092	1,665,255
Tons mined by hand.....	171,246	182,616	246,258	243,114	279,468
Tons mined in strip mines.....	10,335	4,767	-----	920	1,700
Number of loading machines used.....	3	3	3	3	2
Tons loaded mechanically.....	120,041	141,797	126,811	106,621	30,730
Number of fatal accidents.....	2	4	3	5	4
Number of non fatal accidents.....	76	93	132	120	170
Number of employees to one fatality.....	1,144	634	909	558	695
Number employed to each non fatal accident.....	30.1	27.3	20.6	23	16
Tons of coal mined to each fatality.....	732,564	386,580	624,435	413,625	486,606
Tons of coal mined to each non fatal accident.....	19,278	16,627	14,192	17,234	11,450
Number of fatalities per 1,000 employed.....	.1	1.6	1.0	1.8	1.4
Number injured per 1,000 employed.....	33.2	36.7	48.4	43.0	61.1

CHANGED TO LOCAL MINE FROM SHIPPING MINE.

Roanoke Coal Co., Roanoke, Illinois.

FATAL ACCIDENTS.

July 24, John Dominick Ozella, miner, aged 39 years, married, killed by fall of slate in mine No. 6 of the Crescent Mining Co., leaving widow and two children.

September 5, Andrew J. Yuskanovich, machine runner and operator, aged 51 years, married, killed by fall of rock in Mine No. 1 of the Lakeside Coal Co., leaving widow.

FATAL ACCIDENTS—SECOND DISTRICT, 1939.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
July 24	July 24	John Dominick Ozella.	39	Miner.	Pekin.	Crescent Mining Co.	6	1	1	1	2	3	Fall of slate.
Sept. 5	Sept. 5	Andrew J. Yuskanovich	51	Mine owner.	Pekin.	Lakeside Coal Co.	1	1	1	1	1	1	Fall of rock.

MARSHALL COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
L-1	Eagle Coal Co.	Sparland	942				942
L-2	C. & L. Davis Mine, No. 1.	Sparland	460				460
L-3	Elmer Lopeman	Henry	427				385
L-4	Babington Bros.	Sparland	88				82
L-5	W. H. Simpson	Sparland	524				524
L-6	McKinley Kear	Sparland	1,262				1,258
L-8*	Kranz & Bevar	Sparland	147				139
L-8*	Liberty Coal Co.	Sparland	239				239
L-10	Walter E. Crew	Sparland	206				206
L-11	Hunt Coal Co.	Sparland	75				73
L-12	Owl Coal Co.	Sparland	306				291
L-13	Babington Bros.	Sparland	45				37
L-14	Frank Colwell	Henry	114				114
L-15	Johnson & Wilkins	Sparland	21				
L-16	Robert E. Crew, No. 2.	Sparland	135				126
L-17	Blue Blaze Coal Mine	Chillicothe	133				133
L-22*	Hillman Coal Co.	Sparland	50				49
L-22*	Jerry & Wren	Sparland	285				248
L-26	Vincent Dobrich	Sparland	43				43
17 local mines total			5,502				5,349

PEORIA COUNTY

SHIPPING MINES.							
S-1	Crescent Mining Co., No. 1.	Peoria.	446,405	1,842	440,230		3,833
S-2	Crescent Mining Co., No. 6.	Peoria.	440,091	27,115	351,794		60,626
2 shipping mines total.			886,496	28,957	792,024		64,459
LOCAL MINES.							
L-1	Edward Mohn & Son.	Bartonville.	66,274				66,274
L-2	Hilltop Coal Co.	Peoria.	16,893				16,893
L-3	Middle Road Mine.	Peoria.	18,683				18,683
L-4	Dry Run Coal Co.	Kingston Mines	13,533				13,533
L-5	Treasure Coal Co.	Bartonville.	19,434				18,274
L-6	Lightbody Coal Co.	Glasford.	17,259				17,259
L-7	Big Hollow Coal Co.	Peoria.	14,326				14,286
L-8	Vicary Bros.	Peoria.	9,781				9,431
L-9	Reed City Cooperative Coal Co.	Mapleton.	4,332				4,332
L-10	Lucky Strike Coal Mining Co.	Peoria.	8,275				8,275
L-11*	Black Jewel Coal Co.	Peoria.	1,440				1,440
L-11*	Black Jewel Coal Co.	Peoria.	2,240				2,240
L-12*	John Price.	Princeville.	80				80
L-12*	Messersmith & Johnson.	Oak Hill.	72				72
L-13*	Kickapoo Valley Coal Co.	Oak Hill.	200				200
L-13*	Kickapoo Valley Coal Co.	Edwards.	2,845				2,845
L-14	George W. Miller.	Peoria.	1,202				1,202
L-15	A. & T. Coal Co.	Peoria.	2,424				2,424
L-16	Johnson & Largent.	Oak Hill.	300				300
L-17	Pleasant Hill Coal Co.	Peoria.	1,084				1,084
L-18	Sam Cupi Coal Mine.	Peoria.	2,500				2,500
L-19	David Roberts & Jess Pribble.	Mapleton.	2,570				2,570

* Number of employees, mining machines, motors and animals underground averaged account different management of same mine.

SECOND DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kgs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
-----	-----	3	153	90	-----	-----	-----	-----	-----	-----	942	-----	1	L-1
-----	-----	5	97	55	-----	-----	-----	-----	-----	-----	480	-----	2	L-2
42	-----	5	100	61	-----	-----	-----	-----	-----	-----	427	-----	-----	L-3
2	4	3	33	6	-----	-----	-----	-----	-----	-----	83	-----	-----	L-4
-----	-----	4	140	25	-----	-----	-----	-----	-----	-----	524	-----	-----	L-5
-----	-----	5	164	33	-----	-----	-----	-----	-----	-----	1,262	-----	-----	L-6
3	5	*	46	5	-----	-----	-----	-----	-----	-----	147	-----	-----	L-8
-----	-----	*	75	30	-----	-----	-----	-----	-----	-----	235	-----	*	L-8
-----	-----	*	50	20	-----	-----	-----	-----	-----	-----	205	-----	1	L-10
2	-----	*	4	20	-----	-----	-----	-----	-----	-----	75	-----	-----	L-11
15	-----	*	156	29	-----	-----	-----	-----	-----	-----	306	-----	-----	L-12
8	-----	2	28	4	-----	-----	-----	-----	-----	-----	114	-----	-----	L-13
-----	-----	2	90	13	-----	-----	-----	-----	-----	-----	21	-----	-----	L-15
21	-----	2	13	4	-----	-----	-----	-----	-----	-----	135	-----	-----	L-16
9	-----	2	123	15	-----	-----	-----	-----	-----	-----	133	-----	1	L-17
-----	-----	2	152	14	-----	-----	-----	-----	-----	-----	50	-----	-----	*L-22
1	-----	*3	40	3	-----	-----	-----	-----	-----	-----	235	-----	1	*L-22
2	35	*3	60	28	-----	-----	-----	-----	-----	-----	43	-----	-----	L-26
-----	-----	1	26	3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
105	48	49	94	442	-----	-----	-----	-----	-----	-----	5,502	-----	6	-----

SECOND DISTRICT.

130	370	354	184	-----	119,600	-----	-----	14	5	446,405	-----	-----	35	S-1
160	396	511	136	-----	138,750	-----	-----	23	6	440,091	-----	-----	40	S-2
290	766	865	160	-----	258,350	-----	-----	37	11	866,496	-----	-----	75	-----
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	102	130	-----	14,450	-----	-----	4	3	66,274	-----	-----	5	L-1
-----	-----	48	92	-----	5,650	-----	-----	3	1	16,893	-----	-----	2	L-2
-----	-----	32	187	125	-----	-----	-----	2	1	18,683	-----	-----	2	L-3
-----	-----	16	138	-----	3,380	-----	-----	2	1	13,533	-----	-----	4	L-4
360	800	29	150	-----	5,500	-----	-----	2	1	19,434	-----	-----	3	L-5
-----	-----	17	192	-----	1,500	-----	-----	1	-----	17,259	-----	-----	4	L-6
40	-----	32	156	-----	5,250	-----	-----	2	1	14,326	-----	-----	2	L-7
350	-----	18	90	541	-----	-----	-----	-----	-----	-----	9,781	-----	2	L-8
-----	-----	12	200	434	-----	-----	-----	-----	-----	-----	4,332	-----	2	L-9
-----	-----	14	234	850	-----	-----	-----	-----	-----	-----	8,275	-----	2	L-10
-----	-----	*8	72	120	-----	-----	-----	-----	-----	-----	1,440	-----	1	*L-11
-----	-----	*11	120	180	-----	-----	-----	-----	-----	-----	2,240	-----	1	*L-11
-----	-----	*5	14	10	-----	-----	-----	-----	-----	-----	80	-----	1	*L-12
-----	-----	*4	24	10	-----	-----	-----	-----	-----	-----	72	-----	-----	*L-12
-----	-----	*7	20	18	-----	-----	-----	-----	-----	-----	200	-----	1	*L-13
-----	-----	*8	214	185	-----	-----	-----	-----	-----	-----	2,845	-----	1	*L-13
-----	-----	11	269	105	-----	-----	-----	-----	-----	-----	1,202	-----	1	L-14
-----	-----	8	151	170	-----	-----	-----	-----	-----	-----	2,424	-----	3	L-15
-----	-----	3	15	35	-----	-----	-----	-----	-----	-----	300	-----	1	L-16
-----	-----	2	98	29	-----	-----	-----	-----	-----	-----	1,084	-----	1	L-17
-----	-----	6	130	320	-----	-----	-----	-----	-----	-----	2,500	-----	2	L-18
-----	-----	4	288	170	-----	-----	-----	-----	-----	-----	2,570	-----	1	L-19

PEORIA COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
L-20	Snider Coal Co.....	Oak Hill.....	6,322				6,322
L-21	Henry Knaggs.....	Peoria.....	2,431				2,431
L-22	J. W. Rowcliffe.....	Oak Hill.....	1,210				1,210
L-23	Junker Mine.....	Peoria.....	479				479
L-25	Renaldo-Matthew.....	Mapleton.....	3,374				3,331
L-26	Brady White Coal Co.....	Peoria.....	1,462				1,462
L-27	David E. Kienbusch.....	Edwards.....	1,170				1,170
L-28	Henry F. Schmidt.....	Peoria.....	1,674				1,494
L-29	Cusack Coal Co., No. 1.....	Edwards.....	1,382				1,332
L-30	Mapleton Coal & Mining Co.....	Mapleton.....	3,695				3,695
L-31	Turner & Son.....	Edwards.....	247				247
L-32	Rudloff Bros.....	Peoria.....	1,300				1,150
L-33	Superior Mining Co.....	Peoria.....	4,779				4,739
L-34	Glasford Coal Co.....	Glasford.....	306				306
L-35	Martenas Mining Co.....	Peoria.....	4,059				4,055
L-37	John Frasca.....	Kingston Mines.....	530				530
L-38	White Ash Coal Co.....	Edwards.....	180				180
L-39	Shamrock Coal Mine.....	Peoria.....	1,231				1,231
L-40*	Thomas Hunt, Sr.....	Edwards.....	393				393
L-40*	August Reents.....	Edwards.....	356				356
L-41*	Seghi Bros., Sunnyside.....	Norris.....	5,873				5,873
L-41*	Virgil Brown & Sons, Sunnyside.....	Elmwood.....	845				833
L-44	Harry Becker.....	Hanna City.....	2,657				2,597
L-48	Whip-Poor-Will Mine.....	Oak Hill.....	345				345
L-49	Mohn & Callear.....	Peoria.....	696				696
L-51	J. Lester Stear.....	Peoria Heights.....	910				910
L-52	Patton Coal Co.....	Peoria Heights.....	2,935				2,905
L-53	E. H. Stenstrom.....	Peoria.....	1,560				1,560
L-56*	Forrest French.....	Oak Hill.....	100				95
L-56*	Joe C. Turner.....	Oak Hill.....	455				455
L-59	West Point Coal Co.....	Edwards.....	40				40
L-60	P. S. Walck & Son.....	Peoria.....	110				110
L-62	Kirkman Coal Co.....	Peoria.....	411				411
L-63	Calhoun Coal Co.....	Princeville.....	3,522				3,522
L-64	W. H. Wolford.....	Elmwood.....	150				150
L-65	Maple Ridge Coal Co.....	Edwards.....	360				360
L-66	Gruber Bros.....	Edwards.....	2,113				2,113
L-67	Frank Price.....	Peoria.....	790				790
L-68	Patterson Coal Co.....	Oak Hill.....	1,268				1,268
L-69	James Andrews Coal Co.....	Oak Hill.....	475				475
L-70	True Blue Coal Co.....	Beverly Hills.....	50				50
L-72	Bowen Coal Co.....	Peoria.....	153				123
L-73	Kupel Coal Co.....	Glasford.....	61				61
L-74	Banner Block Coal Co.....	Oak Hill.....	1,728				1,728
L-79	P. & H. Coal Co.....	Brimfield.....	453				453
L-80	Nixon Run.....	Oak Hill.....	721				701
L-81	William Blender.....	Peoria.....	1,323				1,305
L-82	Hannigan Mine.....	Peoria.....	670				670
L-83	Big 4 Coal Co.....	Oak Hill.....	1,791				1,791
L-84	Lea Bros. Coal Mining Co.....	Peoria.....	6,721				6,434
L-86	Spring Hill Coal Mine.....	Peoria.....	2,208				2,008
L-105	Swords & Vetter Coal Co.....	Edwards.....	10,335				10,335
68 Local mines total.....			294,157				291,478
70 all mines total.....			1,180,653	28,957	792,024		355,937

* Number of employees, mining machines, motors and animals underground averaged account different management of same mine.

SECOND DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
-----	-----	14	187	519	-----	-----	-----	-----	-----	-----	6,322	-----	1	L-20
-----	-----	5	152	215	-----	-----	-----	-----	-----	-----	2,431	-----	2	L-21
-----	-----	5	121	-----	600	-----	-----	-----	-----	-----	1,210	-----	-----	L-22
-----	-----	2	145	40	-----	-----	-----	-----	-----	-----	479	-----	1	L-23
43	-----	4	200	220	-----	-----	-----	-----	-----	-----	3,374	-----	1	L-25
-----	-----	7	155	160	-----	-----	-----	-----	-----	-----	1,462	-----	1	L-26
-----	-----	6	145	128	-----	-----	-----	-----	-----	-----	1,170	-----	2	L-27
180	-----	6	128	115	-----	-----	-----	-----	-----	-----	1,674	-----	1	L-28
50	-----	5	140	160	-----	-----	-----	-----	-----	-----	1,382	-----	1	L-29
-----	-----	8	145	250	-----	-----	-----	-----	-----	-----	3,695	-----	1	L-30
-----	-----	4	80	-----	25	-----	-----	-----	-----	-----	247	-----	-----	L-31
150	-----	4	130	800	-----	-----	-----	-----	-----	-----	1,300	-----	1	L-32
-----	40	11	180	2,600	-----	-----	-----	1	-----	4,779	-----	-----	2	L-33
-----	-----	5	120	30	-----	-----	-----	-----	-----	-----	306	-----	1	L-34
-----	-----	14	149	346	-----	-----	-----	-----	-----	-----	4,059	-----	1	L-35
4	-----	2	150	40	-----	-----	-----	-----	-----	-----	530	-----	-----	L-37
-----	-----	4	25	7	-----	-----	-----	-----	-----	-----	180	-----	1	L-38
-----	-----	2	178	-----	2,550	-----	-----	-----	-----	-----	1,231	-----	1	L-39
-----	-----	*2	130	29	-----	-----	-----	-----	-----	-----	393	-----	-----	*L-40
-----	-----	*4	55	28	-----	-----	-----	-----	-----	-----	356	-----	1	*L-40
-----	-----	*11	134	221	-----	-----	-----	-----	-----	-----	2,519	-----	2	*L-41
6	6	*6	108	85	-----	-----	-----	*1	-----	3,554	-----	-----	1	*L-41
60	-----	5	190	167	-----	-----	-----	-----	-----	-----	545	-----	1	*L-41
-----	-----	3	70	32	-----	-----	-----	-----	-----	-----	2,657	-----	1	L-44
-----	-----	4	125	56	-----	-----	-----	-----	-----	-----	345	-----	1	L-48
-----	-----	3	135	-----	250	-----	-----	-----	-----	-----	696	-----	1	L-49
30	-----	7	164	205	-----	-----	-----	-----	-----	-----	910	-----	1	L-51
-----	-----	7	95	80	-----	-----	-----	-----	-----	-----	2,935	-----	2	L-52
5	-----	*3	30	10	-----	-----	-----	-----	-----	-----	1,560	-----	1	L-53
-----	-----	*4	80	35	-----	-----	-----	-----	-----	-----	100	-----	1	*L-56
-----	-----	2	40	4	-----	-----	-----	-----	-----	-----	455	-----	-----	*L-56
-----	-----	3	20	10	-----	-----	-----	-----	-----	-----	40	-----	1	L-59
-----	-----	6	82	40	-----	-----	-----	-----	-----	-----	110	-----	-----	L-60
-----	-----	9	218	400	-----	-----	-----	-----	-----	-----	411	-----	1	L-62
-----	-----	3	70	-----	-----	-----	-----	-----	-----	-----	3,522	-----	-----	L-63
-----	-----	3	40	34	-----	-----	-----	-----	-----	-----	150	-----	-----	L-64
-----	-----	3	210	-----	525	50	-----	1	-----	2,113	360	-----	1	L-65
-----	-----	5	140	80	-----	-----	-----	-----	-----	-----	790	-----	1	L-66
-----	-----	5	66	100	-----	-----	-----	-----	-----	-----	1,268	-----	-----	L-67
-----	-----	6	42	35	-----	-----	-----	-----	-----	-----	475	-----	1	L-68
-----	-----	2	40	10	-----	-----	-----	-----	-----	-----	50	-----	1	L-69
-----	-----	3	40	15	-----	-----	-----	-----	-----	-----	153	-----	1	L-70
-----	30	2	40	5	-----	-----	-----	-----	-----	-----	61	-----	1	L-72
-----	-----	9	80	27	-----	-----	-----	1	-----	1,728	-----	-----	1	L-73
-----	-----	3	150	-----	-----	-----	-----	-----	-----	-----	453	-----	-----	L-74
20	-----	4	230	70	-----	-----	-----	-----	-----	-----	721	-----	1	L-79
18	-----	7	96	102	-----	-----	-----	-----	-----	-----	1,323	-----	1	L-80
-----	-----	3	80	60	-----	-----	-----	-----	-----	-----	670	-----	-----	L-81
-----	-----	7	75	150	-----	-----	-----	-----	-----	-----	1,791	-----	1	L-82
20	267	21	135	25	2,500	-----	-----	1	-----	6,721	-----	-----	2	L-83
200	-----	9	178	215	-----	-----	-----	-----	-----	-----	2,208	-----	1	L-84
-----	-----	10	274	5,000	-----	-----	-----	-----	-----	-----	-----	-----	1	L-86
1,566	1,113	652	135	8,362	50,955	50	-----	21	8	185,097	98,725	10,335	85	L-105
1,856	1,879	1,517	136	8,362	309,345	50	-----	58	19	1,071,593	98,725	10,335	160	-----

STARK COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
L-1	Mark Plotner.....	Wyoming.....	2,478				2,478
L-2	James Scott.....	Wyoming.....	4,921				4,921
L-3	Galli & Grant.....	Neponset.....	914				914
L-4	Downing Mine.....	Wyoming.....	1,955				1,955
L-5*	Leslie Milburn, No. 1.....	Wyoming.....	1,220				1,215
L-5*	Howard H. Harmon, No. 1.....	Wyoming.....	2,048				2,038
L-7	Oliver Willson.....	Toulon.....	406				406
L-8	Harold Newton.....	Wyoming.....	193				193
L-13	Henry Bates Coal Co.....	Kewanee.....	3,123				3,106
8 local mines total.....			17,258				17,216

TAZEWELL COUNTY

SHIPPING MINES.						
S-1	Lake Erie Mining Co.....	Peoria.....	10,462		2,579	7,883
LOCAL MINES.						
L-1	Manhattan Coal & Mining Co.....	East Peoria.....	65,530			65,380
L-2	Lakeside Coal Co.....	Pekin.....	29,502			28,587
L-3	Pekin Coal Mining Co.....	Pekin.....	102,139			98,939
	3 local mines total.....		197,171			192,906
	4 all mines total.....		207,633		2,579	200,789

WOODFORD COUNTY

SHIPPING MINES.						
S-2	W. G. Sutton.....	Minonk.....	41,671	9,809		25,737
LOCAL MINES.						
S-1	Roanoke Coal Co.....	Roanoke.....	12,411			10,271
	2 all mines total.....		54,082	9,809		36,008

* Number of employees, mining machines, motors and animals underground averaged account different management of same mine.

SECOND DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Fermissibles—pounds.	Mining machines.	Motors.					
-----	-----	8	150	300	-----	-----	-----	-----	-----	-----	2,478	-----	-----	L-1
-----	-----	14	200	240	-----	-----	-----	1	-----	4,321	600	-----	2	L-2
-----	-----	6	140	-----	-----	-----	-----	-----	-----	-----	914	-----	-----	L-3
-----	-----	5	242	134	-----	-----	-----	-----	-----	-----	1,955	-----	1	L-4
5	-----	*10	110	90	-----	-----	-----	-----	-----	-----	1,220	-----	-----	*L-5
10	-----	*7	200	-----	2,500	-----	-----	-----	-----	-----	2,048	-----	-----	*L-6
-----	-----	2	128	-----	200	-----	-----	-----	-----	-----	406	-----	-----	L-7
10	-----	3	240	25	-----	-----	-----	-----	-----	-----	193	-----	-----	L-8
17	-----	8	198	-----	-----	-----	-----	-----	-----	-----	3,123	-----	-----	L-13
42	-----	55	201	789	2,700	-----	-----	1	-----	4,321	12,937	-----	3	-----

SECOND DISTRICT.

-----	-----	128	26	-----	1,425	-----	-----	4	5	10,462	-----	-----	-----	S-1
150	-----	114	161	-----	19,250	-----	-----	4	1	65,530	-----	-----	6	L-1
77	838	32	283	-----	10,500	-----	400	2	-----	29,502	-----	-----	5	L-2
500	2,700	150	243	-----	24,000	-----	-----	6	1	102,139	-----	-----	9	L-3
727	3,538	296	229	-----	53,750	-----	400	12	2	197,171	-----	-----	20	-----
727	3,538	424	178	-----	55,175	-----	400	16	7	207,633	-----	-----	20	-----

SECOND DISTRICT.

3 125	3,000	171	121	-----	-----	-----	-----	3	-----	41,671	-----	9	S-2
2,140	-----	72	130	-----	-----	-----	-----	1	-----	12,411	-----	16	S-1
5,265	3,000	243	126	-----	-----	-----	-----	4	-----	54,082	-----	25	-----

SECOND DISTRICT SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Peoria.....	2	886,496	28,957	792,024	-----	64,459	290	766
Tazewell.....	1	10,462	-----	2,579	-----	7,883	-----	-----
Woodford.....	1	41,671	9,809	-----	-----	25,737	3,125	3,000
Total.....	4	938,629	38,766	794,603	-----	98,079	3,415	3,766

LOCAL

Marshall.....	17	5,502	-----	-----	-----	5,349	105	48
Peoria.....	68	294,157	-----	-----	-----	291,478	1,566	1,113
Stark.....	8	17,258	-----	-----	-----	17,216	42	-----
Tazewell.....	3	197,171	-----	-----	-----	192,906	727	3,538
Woodford.....	1	12,411	-----	-----	-----	10,271	2,140	-----
Total.....	97	526,499	-----	-----	-----	517,220	4,580	4,699

ALL

Marshall.....	17	5,502	-----	-----	-----	5,349	105	48
Peoria.....	70	1,180,653	28,957	792,024	-----	353,937	1,856	1,879
Stark.....	8	17,258	-----	-----	-----	17,216	42	-----
Tazewell.....	4	207,633	-----	2,579	-----	200,789	727	3,538
Woodford.....	2	54,082	9,809	-----	-----	36,008	5,265	3,000
Total.....	101	1,465,128	38,766	794,603	-----	615,299	7,995	8,465

RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.			Machine.	Hand.	Stripping.	
865	160	-----	258,350	-----	-----	37	11	886,496	-----	-----	75
128	26	-----	1,425	-----	-----	4	5	10,462	-----	-----	9
171	121	-----	-----	-----	-----	-----	3	-----	41,671	-----	-----
1,164	117	-----	259,775	-----	-----	41	19	896,958	41,671	-----	84

MINES.

49	94	442	-----	-----	-----	-----	-----	-----	5,502	-----	-----	6
652	135	8,362	50,955	50	-----	21	8	185,097	98,725	10,335	-----	85
55	201	789	2,700	-----	-----	1	-----	4,321	12,937	-----	-----	3
296	229	-----	53,750	-----	400	12	2	197,171	-----	-----	-----	20
72	130	-----	-----	-----	-----	-----	1	-----	12,411	-----	-----	16
1,124	136	9,593	107,405	50	400	34	11	386,589	129,575	10,335	-----	130

MINES.

49	94	442	-----	-----	-----	-----	-----	-----	5,502	-----	-----	6
1,517	136	8,362	309,305	50	-----	58	19	1,071,593	98,725	10,335	-----	160
55	201	789	2,700	-----	-----	1	-----	4,321	12,937	-----	-----	3
424	178	-----	55,175	-----	400	16	7	207,633	-----	-----	-----	20
243	126	-----	-----	-----	-----	-----	4	-----	54,082	-----	-----	25
2,288	135	9,593	367,180	50	400	75	30	1,283,547	171,246	10,335	-----	214

THIRD DISTRICT

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Third Inspection District comprising the coal producing counties of Adams, Brown, Fulton, Hancock, Knox, McDonough, Schuyler and Warren for the year ending December 31, 1939.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years. Respectfully submitted,

F. M. GUTHRIE, *Inspector.*

THIRD DISTRICT.

	1939	1938	1937	1936	1935
Number of counties producing coal.....	8	8	8	8	8
Number of shipping mines.....	11	11	15	16	16
Number of local mines.....	204	211	215	283	337
Number of employees underground.....	1,318	1,339	1,641	2,012	2,012
Number of employees on surface.....	1,121	1,105	1,149	1,027	753
Total number employed.....	2,439	2,444	2,790	3,039	2,765
Tons of coal produced in shipping mines.....	4,010,961	3,156,441	3,698,429	2,738,698	2,215,893
Tons of coal produced in local mines.....	683,285	562,766	613,295	528,031	443,615
Tons of coal produced, total.....	4,694,246	3,722,207	4,311,724	3,266,729	2,649,508
Days operated, shipping mines, average.....	209	179	163	158	168
Days operated, local mines, average.....	121	112	120	110	98
Number of undercutting machines.....	37	32	53	51	46
Tons undercut.....	515,649	421,254	809,552	343,190	771,014
Tons mined by hand.....	282,192	236,748	310,260	308,474	299,271
Tons mined in strip mines.....	3,896,405	3,064,205	3,191,912	2,115,065	1,579,223
Number of loading machines used.....				2	2
Tons loaded mechanically.....				17,010	27,562
Number of fatal accidents.....	5	4	2	2	5
Number of non-fatal accidents.....	83	78	129	86	109
Number of employees to each fatality.....	488	611	1,395	1,520	553
Number employed to each non-fatal accident.....	29.4	31.3	21.6	35	25.4
Tons of coal mined to each fatality.....	938,849	930,552	2,155,862	1,633,364	529,902
Tons mined to each non-fatal accident.....	56,557	47,721	33,424	37,955	24,307
Number of fatalities per 1,000 employed.....	2	1.6	.7	.7	1.8
Number injured per 1,000 employed.....	34.0	31.9	46.2	28.3	39.4

FATAL ACCIDENTS.

March 29, George Heaton, miner, aged 62 years, single, killed by fall of rock in mine of Swanson Coal Co., no dependents.

June 1, Harvey Frederick Peak, top man, aged 40 years, married, killed by fall from swinging scaffold on tippie at mine of Peaco Coal Co., leaving wife and one dependent child.

November 18, Tony Ruggeri, mine manager and miner, aged 45 years, single, killed by runaway car down slope in Hawk Valley Mine, leaving dependent mother.

December 22, Andrew Delforge, miner, aged 64 years, single (widower) killed by fall of clod in mine of Bushnell Mining Co., no dependents.

December 22, Lester Balagna, miner, aged 41 years, married, killed by fall of slate in mine of Illinois Colliery Co., leaving widow and one dependent child.

FATAL ACCIDENTS—THIRD DISTRICT, 1939.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Mar. 24	Mar. 29	George Heaton.	62	Miner.	Colchester.	Swanson Coal Co.	-----	1	1	1	1	2	Fall of rock.
June 1	June 1	Harvey Frederick Peak	49	Top man.	Canton.	Pease Coal Co.	-----	1	1	1	1	2	Fell from scaffold.
Nov. 15	Nov. 18	Tony Ruggeri.	45	Mine manager.	Norris.	Hawk Valley Mine	-----	1	1	1	1	1	Runaway ear.
Dec. 20	Dec. 22	Andrew Delforge.	64	Miner.	East Galesburg.	Bushnell Mining Co.	-----	1	1	1	1	2	Fall of clod.
Dec. 20	Dec. 22	Lester Balagna.	41	Miner.	Farmington.	Illinois Colliery Co.	-----	1	1	1	1	2	Fall of slate.

ADAMS COUNTY

Mine Index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	LOCAL MINES.						
L-3	Western Illinois Mining Corp.	Clayton.....	12,258				11,974
L-5	Ray E. Stauffer.....	Beverly.....	100				100
	2 local mines total.....		12,358				12,074

BROWN COUNTY

LOCAL MINES.							
L-1	Waller & Salisbury.....	Clayton.....	122	-----	-----	-----	122
L-3	A. L. Cruser, No. 1.....	Mt. Sterling.....	65	-----	-----	-----	56
L-4	Williams & Ferrell.....	Mt. Sterling.....	43	-----	-----	-----	43
L-18	Alfred Krupps.....	Mt. Sterling.....	48	-----	-----	-----	36
L-28	Lozelle Clayton.....	Mt. Sterling.....	25	-----	-----	-----	25
L-29	Pea Ridge Mining Co.....	Mt. Sterling.....	64	-----	-----	-----	64
	6 local mines total.....		367	-----	-----	-----	346

FULTON COUNTY

SHIPPING MINES.							
S-1	Blakely Coal Co.....	Canton.....	84,852	36,644	23,481	-----	24,727
S-2	Central State Collieries, Inc.	St. David.....	566,645	300,263	175,417	-----	175,984
S-5	Golden Rule Coal Co.....	Middle Grove.....	16,796	-----	11,488	-----	5,308
S-6	Illinois Colliery Co.....	Farmington.....	18,093	8,281	2,544	-----	7,268
S-7	Midland Electric Coal Corp., No. 2.....	Farmington.....	697,939	461,906	222,305	-----	-----
S-10	Pschirrer & Sons Coal Co.....	Canton.....	101,973	35,706	27,288	-----	37,916
S-12	Truax-Traer Coal Co., No. 1.....	St. David.....	483,286	358,954	123,592	-----	740
S-13	Truax-Traer Coal Co., No. 2.....	Fiatt.....	547,158	401,412	110,202	-----	135,544
S-14	United Electric Coal Cos., No. 9.....	Cuba.....	322,983	265,315	55,790	-----	-----
S-15	United Electric Coal Cos., No. 17.....	Canton.....	568,324	547,406	17,334	-----	-----
	10 shipping mines total.....		3,408,049	2,415,887	769,441	-----	187,487
LOCAL MINES.							
L-1	Clearview Mine.....	Canton.....	19,065	-----	-----	-----	19,015
L-2	Rawalt Coal Co.....	Norris.....	27,074	-----	-----	-----	26,279
L-3	Glore Coal Co.....	Ellisville.....	15,799	-----	-----	-----	15,469
L-5	Sunnyside Coal Mine.....	Cuba.....	15,656	-----	-----	-----	15,656
L-6	Westerby Bros.....	Farmington.....	7,693	-----	-----	-----	7,693
L-7	Peaco Coal Co.....	Fairview.....	28,138	-----	-----	-----	28,138
L-8	Albert Zaborac.....	St. David.....	355	-----	-----	-----	345
L-9	D. & D. Coal Co.....	Cuba.....	3,942	-----	-----	-----	3,942
L-11	McGlaughlin Bros.....	Canton.....	3,832	-----	-----	-----	3,535
L-12	Strode Coal Co.....	Canton.....	8,299	-----	-----	-----	8,299
L-14	Sugarville Coal Co.....	Canton.....	2,800	-----	-----	-----	2,800
L-15	Geo. H. Stambaugh.....	Ipava.....	7,429	-----	-----	-----	7,424
L-16	Black Eagle Coal Co.....	Canton.....	6,733	-----	-----	-----	6,733
L-17*	Joe Zaborac.....	Cuba.....	347	-----	-----	-----	347

* Number of employees, mining machines, motors and animals underground averaged account different management of same mine.

† 74,219 tons shipped on barges.

‡ 34,776 tons shipped on barges.

THIRD DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
-----	284	20	148	-----	1,500	1,500	-----	-----	-----	-----	-----	12,258	-----	L-3
-----	-----	2	30	-----	-----	-----	-----	-----	-----	-----	-----	100	-----	L-5
-----	284	22	89	-----	1,500	1,500	-----	-----	-----	-----	-----	12,358	-----	-----

THIRD DISTRICT.

-----	-----	2	125	-----	-----	-----	-----	-----	-----	-----	122	-----	-----	L-1
9	-----	1	45	5	-----	-----	-----	-----	-----	-----	65	-----	-----	L-3
-----	-----	2	41	-----	-----	-----	-----	-----	-----	-----	-----	43	-----	L-4
12	-----	3	48	1	-----	-----	-----	-----	-----	-----	48	-----	-----	L-18
-----	-----	1	25	-----	-----	-----	-----	-----	-----	-----	-----	25	-----	L-28
-----	-----	5	24	-----	-----	-----	-----	-----	-----	-----	64	-----	-----	L-29
21	-----	14	51	6	-----	-----	-----	-----	-----	-----	299	68	-----	-----

THIRD DISTRICT.

12,331	2,650	117	226	21,200	-----	-----	4	4	84,852	-----	-----	7	-----	L-1
-----	-----	104	229	7,650	500	32,450	-----	-----	-----	-----	566,645	-----	-----	L-2
-----	-----	17	253	4,125	-----	-----	1	-----	16,796	-----	-----	5	-----	L-5
-----	-----	28	146	7,375	-----	-----	1	2	18,093	-----	-----	5	-----	L-6
6,749	6,979	175	251	-----	-----	-----	-----	-----	-----	-----	697,939	-----	-----	L-7
241	822	105	166	21,200	-----	-----	5	2	101,973	-----	-----	13	-----	L-10
-----	-----	81	199	53,450	-----	-----	-----	-----	-----	-----	483,286	-----	-----	L-12
-----	-----	107	196	60,400	-----	-----	-----	-----	-----	-----	547,153	-----	-----	L-13
1,878	-----	104	153	2,090	1,375	1,750	-----	-----	-----	-----	322,983	-----	-----	L-14
3,584	-----	72	234	12,750	50,400	-----	-----	-----	-----	-----	568,324	-----	-----	L-15
24,783	10,451	910	205	2,090	74,300	166,125	34,200	11	8	221,714	-----	3,186,335	30	-----
50	-----	24	200	3,025	-----	-----	3	1	19,065	-----	-----	4	-----	L-1
-----	795	30	263	4,250	-----	-----	2	-----	27,074	-----	-----	7	-----	L-2
300	-----	29	229	349	-----	-----	-----	-----	12,756	-----	3,013	-----	-----	L-3
-----	-----	24	134	3,000	-----	-----	1	-----	15,656	-----	-----	5	-----	L-5
-----	-----	20	195	433	-----	-----	-----	1	-----	-----	7,693	-----	-----	L-6
-----	-----	33	196	3,500	-----	-----	-----	-----	-----	-----	28,138	-----	-----	L-7
10	-----	2	55	300	-----	-----	-----	-----	-----	-----	355	-----	-----	L-8
-----	-----	23	62	3,825	-----	-----	-----	-----	-----	-----	3,942	-----	-----	L-9
297	-----	5	195	54	300	-----	1	-----	3,832	-----	-----	1	-----	L-11
-----	-----	9	132	560	-----	-----	-----	-----	-----	-----	8,299	-----	-----	L-12
-----	-----	7	125	91	-----	-----	-----	-----	-----	-----	2,800	-----	-----	L-14
5	-----	11	240	380	-----	-----	-----	-----	-----	-----	7,429	-----	-----	L-15
-----	-----	12	119	421	-----	-----	-----	-----	-----	-----	6,733	-----	-----	L-16
-----	-----	*5	32	32	-----	-----	-----	-----	-----	-----	347	-----	-----	*L-17

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
L-17*	J. F. Strode & Co.	Cuba	276				276
L-18*	W. K. Clauson	Glasford	2,336				2,336
L-18*	Fulton County Coal Co.	Glasford	1,083				1,068
L-19	Walter Richard	St. David	14,961				14,961
L-20	Tony Kauzlarich	Farmington	2,125				2,125
L-21	Thompson Bros	Canton	1,100				1,100
L-23	Joe L. Smith	Summum	1,282				1,260
L-23	Ackerson Coal Co.	Cuba	2,647				2,647
L-26	Bennett Mine.	Bryant	20,981				20,981
L-28	Avon Coal Co.	Avon	1,465				1,465
L-29	Richard Fouts	Canton	6,359				6,359
L-30	Rice Lake Coal Co.	Glasford	5,242				5,063
L-31	Albert Hollandsworth	Glasford	1,823				1,823
L-33	Tom Jenkins	Cuba	242				242
L-34	James W. Lev	Canton	1,260				1,260
L-35*	Banner Coal Co.	Canton	698				698
L-35*	Banner Coal Co.	Canton	739				739
L-37	C. O. Lightbody Coal Co.	Glasford	1,800				1,800
L-38	Geo. Street	Fairview	1,027				1,027
L-39	Raker Coal Co.	Lewistown	1,800				1,800
L-40	Clean Coal Co.	Fairview	6,908				6,908
L-44	Edward Gofinch	Cuba	1,383				1,364
L-45	John Cima	Lewistown	4,375				3,515
L-46*	A. H. Thomas	Ipava	226				226
L-46*	Robinson Coal Mine.	Ipava	802				747
L-47	Brons Coal Mine.	Norris	3,122				2,832
L-54	Pheasant Bros	Fairview	945				935
L-55	John Brooks	Cuba	270				270
L-58	C. C. Haggerty	Glasford	800				780
L-60	August Von Ach	Cuba	820				820
L-63	Pine Ridge Mine	Liverpool	3,873				3,873
L-67	Dallefeld Coal Co.	Ellisville	23,482				23,276
L-69	Jerry Yocum & Sons	Lewistown	3,292				3,262
L-72*	Diamond Coal Co.	Glasford	3,818				3,818
L-72*	Diamond Coal Co.	Glasford	1,181				1,111
L-73	James W. Grindle	Cuba	86				86
L-75	Thos. Engle	Cuba	106				106
L-79	Walton & Mendenhall	Ipava	68				68
L-82	Joe Traynor	Canton	307				307
L-83	Leslie Foulk	Cuba	421				421
L-86	Fothergill Coal Co.	Glasford	1,209				1,205
L-89	Tiber Valley Coal Co.	Glasford	200				200
L-90	Loyd Hamilton	Ipava	308				308
L-96	Premier White Ash Coal Co.	Knoxville	551				474
L-99*	Turkey Branch Coal Co.	Ipava	96				96
L-99*	Turkey Branch Mine	Havana	47				47
L-100	Cape No. 1	Bryant	731				731
L-101	Frank A. Galding	Bryant	212				212
L-102	Shaeffer & Munroe	Canton	500				500
L-103*	Joe Zaborac No. 2	Cuba	655				655
L-103*	Snowden Ford	Cuba	8				8
L-105	S. & L. Coal Co.	Ipava	692				692
L-106	Clio Branson	Ipava	52				52
L-107	Geo. Hollandsworth	Canton	218				173
L-108	Bruketta & Sons Coal Co.	Farmington	1,954				1,904
L-109	Evel Baughman	Marietta	154				154
L-110	Clarence C. Danner	Astoria	75				75
L-112*	H. B. Brush	Marietta	52				52
L-112*	English Coal Co.	Marietta	146				138
L-113	Fred F. Williams	Canton	140				140
L-114	Orwig Mine	Canton	583				348
L-115*	Stanley Zaborac	Glasford	100				100
L-115*	Stanley Zaborac	Fairview Heights	695				675

* Number of employees, mining machines, motors and animals underground averaged account different management of same mine.

THIRD DISTRICT—Continued.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
		*5	40	32							276		1	*L-17
		*6	150	156							2,336		2	*L-18
15		*7	45		1,850						1,083		2	*L-18
		*3	204	500				1		14,961			4	L-19
		5	140	150							2,125		1	L-20
8	14	5	60	80							1,100		1	L-21
		7	140	74							1,282		1	L-23
		12	20	26								2,647		L-25
		24	250	1,236							20,981		3	L-26
		5	127	125							1,465		1	L-28
		14	114	178							6,359		1	L-29
179		7	220		1,535			1		5,242			2	L-30
		4	149	150							1,823		1	L-31
		4	45	15							242		1	L-33
		5	180	300				1		1,260			2	L-34
		*4	80	150							698		1	*L-35
		*6	71	70							739		1	*L-35
		4	160	96							1,800		1	L-37
		6	142	83							1,027		1	L-38
		6	150	120							1,800		1	L-39
		12	175	100				1		4,786			3	L-40
19		3	165	84							1,383		1	L-44
10	850	10	175		875						4,375		2	L-45
		5	75	10							226			*L-46
5	50	*9	55	20							802			*L-46
290		*5	300		2,500			1		2,972			1	L-47
10		4	130	117							945			L-54
		2	75	3								270		L-55
20		3	90	86							800		1	L-58
		3	182	48							820		1	L-60
		7	175	210							3,873		2	L-63
206		27	257	305	2,375			1		17,288			8	L-67
30		9	292	165							3,292		2	L-69
		*7	215	246							3,818		1	*L-72
	70	*7	56	72							1,181		1	*L-72
		2	75	5							86		1	L-73
		2	35	5							106			L-75
		2	20	7							68		1	L-79
		2	115	16							307			L-82
		3	154	31							421		1	L-83
2	2	9	123	95							1,209		1	L-86
		3	30	20							200		1	L-89
		2	210	10							308			L-90
10	67	5	59	35							551		1	L-96
		*3	36	7							96			*L-99
		*2	75	15							47			*L-99
		2	215	40							731		1	L-100
		3	33	16							212			L-101
		4	100	26							500			L-102
		*3	120	35							655		1	*L-103
		*3	3	1							8			*L-103
		5	60									692		L-105
		2	30	4							52		1	L-106
40	5	2	114		225						218			L-107
50		7	175	162							1,954		1	L-108
		3	50								184			L-109
		3	30		100						75			L-110
		*3	30	2							52			*L-112
	8	*3	42	12							146			*L-112
		4	30	6							140		1	L-113
235		3	120	38							583		1	L-114
		20	7								100			*L-115
20		*4	180	60							695		1	*L-115

THIRD DISTRICT—Concluded

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kgs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
—	—	5	70	30	—	—	—	—	—	—	400	—	2	L-116
—	—	*4	60	30	—	—	—	—	—	—	700	—	1	*L-118
—	—	*5	50	24	—	—	—	—	—	—	238	—	1	*L-118
—	—	4	75	22	—	—	—	—	—	551	—	—	1	L-120
41	—	5	282	312	—	—	—	—	—	—	3,102	—	1	L-121
—	—	2	40	8	—	—	—	—	—	—	44	—	1	L-124
—	—	34	249	2,100	—	—	—	—	—	—	30,580	—	5	L-125
—	—	2	90	40	—	—	—	—	—	—	129	—	—	L-127
—	—	3	45	5	—	—	—	—	—	—	124	—	—	L-128
9	—	2	125	8	—	—	—	—	—	—	231	—	—	L-129
—	—	5	150	80	—	—	—	—	—	—	666	—	—	L-130
—	—	30	200	—	1,500	—	—	—	—	—	—	84,854	—	L-132
17	50	4	240	38	—	—	—	—	—	—	1,060	—	1	L-133
—	—	*3	20	4	—	—	—	—	—	—	60	—	—	*L-134
20	20	*3	45	—	150	—	—	—	—	—	120	—	—	*L-134
—	—	4	108	34	—	—	—	—	—	—	475	—	—	L-135
—	—	5	70	75	—	—	—	—	—	—	1,124	—	1	L-136
—	—	2	30	2	—	—	—	—	—	—	12	—	1	L-137
6	150	3	185	1	1,925	—	—	—	—	—	1,930	—	1	L-141
—	—	*3	30	4	—	—	—	—	—	—	60	—	—	*L-152
—	—	*3	40	2	—	—	—	—	—	—	79	—	—	*L-152
—	—	19	248	400	—	—	—	1	—	5,921	—	—	3	L-156
—	—	*5	70	40	—	—	—	—	—	—	600	—	1	*L-157
—	—	*7	90	50	—	—	—	—	—	—	810	—	1	*L-157
—	—	2	45	12	—	—	—	—	—	—	74	—	—	L-159
—	—	3	40	5	—	—	—	—	—	—	125	—	1	L-161
—	—	3	30	6	—	—	—	—	—	—	76	—	—	L-162
11	—	3	220	72	—	—	—	—	—	—	1,357	—	1	L-163
—	—	3	80	1	—	—	—	—	—	—	50	—	—	L-164
—	—	5	72	20	—	—	—	—	—	—	486	—	1	L-165
—	—	3	75	—	—	—	—	—	—	—	—	578	—	L-166
20	—	2	21	—	200	—	—	—	—	—	79	—	—	L-167
—	—	3	58	—	—	—	—	—	—	—	155	—	—	L-168
20	30	4	26	11	—	—	—	—	—	—	120	—	1	L-169
—	—	3	20	5	—	—	—	—	—	—	87	—	—	L-170
—	—	3	30	10	—	—	—	—	—	—	99	—	—	L-171
—	—	3	30	10	—	—	—	—	—	—	97	—	—	L-172
—	—	4	30	22	—	—	—	—	—	—	203	—	—	L-173
1,955	2,111	755	125	11,465	31,435	—	—	16	2	131,364	199,115	89,041	120	
26,738	12,562	1,665	132	13,555	105,735	166,125	34,200	27	10	353,078	199,115	3,275,376	150	

THIRD DISTRICT.

—	—	1	60	12	—	—	—	—	—	—	72	—	—	L-1
—	—	3	150	—	—	—	—	—	—	—	450	—	1	L-8
—	—	5	157	—	—	—	—	—	—	—	1,325	—	—	L-11
—	—	4	72	—	—	—	—	—	—	—	188	—	—	L-13
—	—	2	150	—	—	—	—	—	—	—	260	—	—	L-14
—	—	15	118	12	—	—	—	—	—	—	2,325	—	1	

KNOX COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	SHIPPING MINES.						
S-2	Little John Coal Co.....	Victoria.....	602,912	469,430	133,482		
	LOCAL MINES.						
L-1	Knoxville Mining Co.....	Knoxville.....	76,473				74,073
L-2*	L. S. Purviance.....	Middle Grove.....	847				847
L-2*	Wm. Mitchell.....	Middle Grove.....	712				712
L-3	Yates City Colliery Co.....	Yates City.....	2,495				2,307
L-4	Little Coal Co.....	Maquon.....	10,222				10,222
L-5	Aaron Davison.....	Maquon.....	753				724
L-6*	Leslie Williams.....	Galesburg.....	152				152
L-6*	Marion Kimble.....	Maquon.....	335				335
L-7	William Mertz.....	Maquon.....	1,086				1,065
L-8	Lawrence Gravett.....	Victoria.....	121				121
L-9	Hubbell Coal Co.....	Middle Grove.....	1,149				1,149
L-10*	David Strickland.....	Maquon.....	190				190
L-10*	Aaron Davison.....	Maquon.....	879				877
L-14	Wataga Coal Co.....	Wataga.....	1,813				1,800
L-15	Gearld Strom.....	Victoria.....	80				70
L-16	Chester Bennett.....	Maquon.....	500				500
L-17	Chas. Murphy.....	Victoria.....	175				175
L-20	Thermal Coal Co.....	Galesburg.....	64,291				59,370
L-21*	Salmon Coal Co.....	Victoria.....	375				375
L-21*	Yelm Coal Co.....	Victoria.....	400				400
L-22	Leonard Stegall.....	Oneida.....	47				41
L-23	Wm. Charnock.....	Knoxville.....	79				75
L-24	Charlie Johnson.....	Oneida.....	44				40
L-27	Western Coal Co.....	Farmington.....	2,212				2,207
L-29	Ed. Larner.....	Victoria.....	75				74
L-32	Peterson & Bangston.....	Wataga.....	12				12
L-38	Godsil & Strom.....	Victoria.....	25				24
L-42	Old Hickory Mine.....	Maquon.....	235				235
L-43	Morse Mine.....	Middle Grove.....	100				100
L-44*	Peterson & Hammarland.....	Victoria.....	205				205
L-44*	Strandburg & Co.....	Altona.....	59				59
L-45	Harley T. Mundwiler.....	Knoxville.....	80				50
L-46	Lillies Creek Coal Co.....	Maquon.....	9,861				9,861
L-47	Walter Armstrong.....	Victoria.....	252				252
L-48	Harry Sprinkle.....	Randall.....	27				21
L-49	Maquon Coal & Gravel Co.....	Maquon.....	136				136
	31 local mines total.....		176,497				168,856
	32 all mines total.....		779,409	469,430	133,482		168,856

* Number of employees, mining machines, motors and animals underground averaged account different management of same mine.

THIRD DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
		107	249									602,912		S 2
2,400		93	225		18,500			3	2	76,473			15	L-1
		*6	74								847		2	*L-2
		*7	124		70						712		2	*L-2
90	98	8	116		161						2,495		2	*L-2
		31	164		900						10,222		6	L-3
29		3	129		49						759		1	L-4
		*5	30		6						152		1	L-5
		*4	105		23						335		1	*L-6
21		4	120		90						1,086		1	*L-6
		4	60								121		1	L-7
		4	175		160						1,149		1	L-8
		*3	26		16						190		1	*L-9
2		*3	106		72						879		1	*L-10
13		12	125								1,813			L-14
10		3	30		3						80			L-15
		6	120		75						500			L-16
		4	115								175			L-17
2,858	2,063	95	182		13,650			5	2	64,291			12	L-20
		*5	60								375			*L-21
		*4	100		5						400			*L-21
6		2	36								47			L-22
4		2	50								79			L-23
4		2	90								44			L-24
5		8	154		92						2,212		3	L-27
1		5	20								75			L-29
		2	15								12			L-32
1		2	18								25			L-38
		2	40											L-42
		1	50								100			L-43
		*4	60								205			*L-44
		*4	30		1						59			*L-44
20	10	2	102		100							80		L-45
		15	315		220			1		9,861			2	L-46
		2	120		20						252			L-47
2	4	1	50								27			L-48
		3	70										136	L-49
5,466	2,175	340	110	2,006	32,272			9	4	150,625	25,421	451	48	
5,466	2,175	447	114	2,006	32,272			9	4	150,625	25,421	603,363	48	

MCDONOUGH COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
L-1	Swanson & Sons.....	Colchester.....	416				416
L-3	Henley & Son.....	Augusta.....	225				225
L-4	Frank Fox.....	Colchester.....	552				552
L-7	William Whalen.....	Colchester.....	275				275
L-9	Olaf Stoneking.....	Birmingham.....	307				307
L-11	John Nelson.....	Colchester.....	98				98
L-21	Bexson Coal Co.....	Colchester.....	267				260
L-22	Elmer W. Miller.....	Macomb.....	767				767
L-33	I. L. Willey.....	Macomb.....	192				190
L-37	John C. McGrann.....	Colchester.....	15				11
L-41	Earl Bunt.....	Colchester.....	60				60
L-44	John W. Jones, Jr.....	Macomb.....	547				532
L-45	E. A. Ren.....	Macomb.....	132				132
L-47	Ike Stone.....	Colchester.....	263				263
L-48	D. Nelson & Co.....	Colchester.....	836				836
L-51	Clarence Kipling.....	Colchester.....	60				45
L-77	Leon F. McMillin.....	Industry.....	282				282
L-81	Porter & McCullough.....	Colchester.....	148				148
L-84	Leland Hocker.....	Colchester.....	25				25
L-87	Ernest Stoneking.....	Birmingham.....	222				214
L-88	Garnett Reno.....	Birmingham.....	100				70
L-89	Breeden Coal Co.....	Macomb.....	77				77
L-90	Charles Fox.....	Macomb.....	22				20
L-91	Eli Willey.....	Macomb.....	283				277
	Oral Derry.....	Macomb.....	120				118
	24 local mines total.....		6,291				6,200

SCHUYLER COUNTY

LOCAL MINES.							
L-1	Big Four Coal Co.....	Rushville.....	16,196				13,820
L-2	Wheelhouse Coal Co.....	Rushville.....	7,330				7,320
L-3	A. H. McCormick & Sons.....	Rushville.....	6,568				5,179
L-4	Little Dog Mine.....	Beardstown.....	4,290				4,290
L-5*	Wallace & Beebe.....	Rushville.....	451				446
L-5*	Hall Coal Co.....	Rushville.....	2,397				2,397
L-6	Tomlinson Coal Co.....	Rushville.....	7,500				7,444
L-7	Archie Shanks.....	Littleton.....	682				682
L-8	F. E. Hendricks.....	Rushville.....	155				125
L-9	Roosevelt Cleavenger Mine.....	Littleton.....	500				480
L-11	Root Bros.....	Rushville.....	693				690
L-12	James Stroup.....	Littleton.....	432				420
L-15	Raymond Cunningham.....	Ray.....	214				214
L-18	Rining & Son.....	Frederick.....	699				699
L-19	W. B. Baxter.....	Birmingham.....	153				153
L-24	Reeder Bros.....	Camden.....	151				151
L-26	Hill Top Mine.....	Birmingham.....	1,178				1,178
L-29	Phillips & Rebman.....	Rushville.....	263				263
L-30*	Dean Buss.....	Littleton.....	218				218
L-30*	Frank Katzenburger.....	Littleton.....	264				264
L-35	Phillips Bros.....	Ray.....	139				139
L-40*	Ernest Kellum.....	Littleton.....	40				40
L-40*	Albert E. Dorethy.....	Macomb.....	464				434
L-45	Roderick Carr Coal Co.....	Rushville.....	464				404

* Number of employees, mining machines, motors and animals underground averaged account different management of same mine.

THIRD DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
-----	-----	2	182	-----	-----	-----	-----	-----	-----	-----	416	-----	-----	L-1
-----	-----	2	56	-----	-----	-----	-----	-----	-----	-----	225	-----	-----	L-3
-----	-----	2	150	-----	-----	-----	-----	-----	-----	-----	552	-----	-----	L-4
-----	-----	2	130	-----	-----	-----	-----	-----	-----	-----	275	-----	-----	L-7
-----	-----	2	75	-----	-----	-----	-----	-----	-----	-----	307	-----	-----	L-9
-----	-----	2	63	-----	-----	-----	-----	-----	-----	-----	98	-----	-----	L-11
-----	-----	2	90	-----	-----	-----	-----	-----	-----	-----	267	-----	-----	L-21
7	-----	4	200	-----	-----	-----	-----	-----	-----	-----	767	-----	-----	L-22
-----	-----	3	45	-----	-----	-----	-----	-----	-----	-----	192	-----	-----	L-33
2	-----	3	10	-----	-----	-----	-----	-----	-----	-----	15	-----	-----	L-37
4	-----	1	75	-----	-----	-----	-----	-----	-----	-----	60	-----	-----	L-41
-----	-----	2	150	72	-----	-----	-----	-----	-----	-----	547	-----	-----	L-44
15	-----	2	60	-----	-----	-----	-----	-----	-----	-----	132	-----	-----	L-45
-----	-----	2	119	-----	-----	-----	-----	-----	-----	-----	263	-----	-----	L-47
-----	-----	4	232	-----	-----	-----	-----	-----	-----	-----	836	-----	-----	L-48
15	-----	2	80	-----	-----	-----	-----	-----	-----	-----	60	-----	-----	L-51
-----	-----	2	134	-----	-----	-----	-----	-----	-----	-----	282	-----	-----	L-77
-----	-----	3	47	-----	-----	-----	-----	-----	-----	-----	148	-----	-----	L-81
-----	-----	1	30	-----	-----	-----	-----	-----	-----	-----	25	-----	-----	L-84
8	-----	7	75	-----	-----	-----	-----	-----	-----	-----	222	-----	-----	L-87
10	20	6	95	-----	-----	-----	-----	-----	-----	-----	100	-----	-----	L-88
-----	-----	3	40	-----	-----	-----	-----	-----	-----	-----	77	-----	-----	L-89
2	-----	2	48	-----	-----	-----	-----	-----	-----	-----	22	-----	-----	L-90
6	-----	5	52	-----	-----	-----	-----	-----	-----	-----	-----	283	-----	L-91
2	-----	6	50	-----	-----	-----	-----	-----	-----	-----	120	-----	-----	-----
71	20	78	94	72	-----	-----	-----	-----	-----	-----	6,008	283	-----	-----

THIRD DISTRICT.

964	1,412	33	197	543	-----	-----	-----	1	11,946	4,250	-----	3	L-1
10	-----	12	182	352	-----	-----	-----	-----	-----	7,330	-----	3	L-2
-----	1,389	8	300	350	-----	-----	-----	-----	-----	6,568	-----	1	L-3
-----	-----	10	203	402	-----	-----	-----	-----	-----	4,290	-----	2	L-4
5	-----	*6	100	25	-----	-----	-----	-----	-----	451	-----	1	*L-5
-----	-----	*11	106	187	-----	-----	-----	-----	-----	2,397	-----	1	*L-5
6	50	10	234	375	-----	-----	-----	-----	-----	7,500	-----	1	L-6
-----	-----	3	275	17	150	-----	-----	-----	-----	682	-----	-----	L-7
-----	30	3	70	11	-----	-----	-----	-----	-----	155	-----	-----	L-8
20	-----	7	200	-----	-----	-----	-----	-----	-----	500	-----	-----	L-9
3	-----	3	120	30	-----	-----	-----	-----	-----	693	-----	1	L-11
12	-----	7	118	-----	-----	-----	-----	-----	-----	432	-----	1	L-12
-----	-----	2	150	14	-----	-----	-----	-----	-----	214	-----	-----	L-15
-----	-----	2	203	45	-----	-----	-----	-----	-----	699	-----	-----	L-18
-----	-----	1	78	16	-----	-----	-----	-----	-----	153	-----	-----	L-19
-----	-----	2	94	-----	-----	-----	-----	-----	-----	151	-----	-----	L-24
-----	-----	4	250	-----	-----	-----	-----	-----	-----	1,178	-----	-----	L-26
-----	-----	4	90	26	-----	-----	-----	-----	-----	263	-----	1	L-29
-----	-----	*5	78	30	-----	-----	-----	-----	-----	218	-----	-----	*L-30
-----	-----	*4	80	25	-----	-----	-----	-----	-----	264	-----	-----	*L-30
-----	-----	2	30	10	-----	-----	-----	-----	-----	139	-----	-----	*L-35
-----	-----	*2	20	3	-----	-----	-----	-----	-----	40	-----	-----	*L-40
10	20	*3	125	-----	-----	-----	-----	-----	-----	464	-----	-----	*L-40
-----	-----	2	175	3	500	-----	-----	-----	-----	464	-----	-----	L-48

SCHUYLER COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
L-58*	Jack Dalzell.....	Littleton.....	420	-----	-----	-----	420
L-58*	F. E. Miller.....	Ray.....	252	-----	-----	-----	252
L-64	Buss Coal Co.....	Littleton.....	120	-----	-----	-----	120
L-66	Earl C. Rawson.....	LaPrairie.....	40	-----	-----	-----	40
L-68	Gorsuch Coal Mine.....	Littleton.....	649	-----	-----	-----	649
L-76	Earl R. Henness.....	Brooklyn.....	1,440	-----	-----	-----	1,440
L-77	H. C. Kindhart Coal Co.....	LaPrairie.....	1,834	-----	-----	-----	1,804
L-78	Pershing Bros.....	Littleton.....	100	-----	-----	-----	80
L-79	Ed Curd.....	Augusta.....	81	-----	-----	-----	81
L-80	Clark Coal Co.....	Clayton.....	2,963	-----	-----	-----	2,963
30 local mines total.....			59,340	-----	-----	-----	55,359

WARREN COUNTY

LOCAL MINES.							
L-1	Howards Coal Mine.....	Alexis.....	3,865	-----	-----	-----	3,865
L-2	George Baker.....	Alexis.....	2,487	-----	-----	-----	2,487
L-3	Manuel Bros.....	Roseville.....	175	-----	-----	-----	170
L-4	Frank Clayton.....	Avon.....	60	-----	-----	-----	56
4 local mines total.....			6,587	-----	-----	-----	6,578

* Number of employees, mining machines, motors and animals underground averaged account different management of same mine.

THIRD DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
-----	-----	*3	230	-----	-----	-----	-----	-----	-----	-----	420	-----	-----	*L-58
-----	-----	*3	128	20	-----	-----	-----	-----	-----	-----	252	-----	-----	*L-58
-----	-----	3	60	-----	-----	-----	-----	-----	-----	-----	-----	120	-----	L-64
-----	-----	2	40	-----	-----	-----	-----	-----	-----	-----	-----	40	-----	L-66
-----	-----	4	240	-----	-----	-----	-----	-----	-----	-----	649	-----	-----	L-68
-----	-----	4	200	60	-----	-----	-----	-----	-----	1,440	-----	-----	-----	L-76
-----	30	10	93	-----	-----	75	-----	-----	-----	-----	-----	1,834	-----	L-77
-----	20	2	90	-----	-----	-----	-----	-----	-----	100	-----	-----	-----	L-78
-----	-----	4	30	-----	-----	-----	-----	-----	-----	81	-----	-----	-----	L-79
-----	-----	11	105	-----	-----	-----	-----	-----	-----	-----	-----	2,963	-----	L-80
1,050	2,931	175	156	2,544	650	75	-----	1	-----	11,946	42,437	4,957	14	

THIRD DISTRICT.

-----	-----	8	240	400	-----	-----	-----	-----	-----	3,865	-----	-----	-----	L-1
-----	-----	10	170	250	-----	-----	-----	-----	-----	2,487	-----	-----	-----	L-2
5	-----	3	86	-----	-----	-----	-----	-----	-----	175	-----	-----	-----	L-3
4	-----	2	90	-----	-----	-----	-----	-----	-----	60	-----	-----	-----	L-4
9	-----	23	147	650	-----	-----	-----	-----	-----	6,587	-----	-----	-----	

THIRD DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Fulton.....	10	3,408,049	2,415,887	769,441		*187,487	24,783	10,451
Knox.....	1	602,912	409,430	133,482				
Total.....	11	4,010,961	2,885,317	902,923		187,487	24,783	10,451

LOCAL

Adams.....	2	12,358				12,074		284
Brown.....	6	367				346	21	
Fulton.....	102	419,520				415,454	1,955	2,111
Hancock.....	5	2,325				2,325		
Knox.....	31	176,497				168,856	5,466	2,175
McDonough.....	24	6,291				6,200	71	20
Schuyler.....	30	59,340				55,359	1,050	2,931
Warren.....	4	6,587				6,578	9	
Total.....	204	683,285				667,192	8,572	7,521

ALL

Adams.....	2	12,358				12,074		284
Brown.....	6	367				346	21	
Fulton.....	112	3,827,569	2,415,887	769,441		*602,941	26,738	12,562
Hancock.....	5	2,325				2,325		
Knox.....	32	779,409	469,430	133,482		168,856	5,466	2,175
McDonough.....	24	6,291				6,200	71	20
Schuyler.....	30	59,340				55,359	1,050	2,931
Warren.....	4	6,587				6,578	9	
Total.....	215	4,694,246	2,885,317	902,923		854,679	33,355	17,972

* 108,995 tons shipped on barges.

RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.	
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.			Machine.	Hand.	Stripping.		
910	205	2,090	74,300	166,125	34,200	11	8	221,714	-----	-----	3,186,335	30
107	249	-----	-----	-----	-----	-----	-----	-----	-----	-----	602,912	-----
1,017	209	2,090	74,300	166,125	34,200	11	8	221,714	-----	-----	3,789,247	30

MINES.

22	89	-----	1,500	1,500	-----	-----	-----	-----	-----	12,358	-----
14	51	6	-----	-----	-----	-----	-----	-----	299	68	-----
755	125	11,465	31,435	-----	-----	16	2	131,364	199,115	89,041	120
15	118	12	-----	-----	-----	-----	-----	-----	2,325	-----	1
340	110	2,006	32,272	-----	-----	9	4	150,625	25,421	451	48
78	94	72	-----	-----	-----	-----	-----	-----	6,008	283	-----
175	156	2,544	650	75	-----	1	-----	11,946	42,437	4,957	14
23	147	650	-----	-----	-----	-----	-----	-----	6,587	-----	-----
1,422	121	16,755	65,857	1,575	-----	26	6	293,935	282,192	107,158	183

MINES.

22	89	-----	1,500	1,500	-----	-----	-----	-----	-----	12,358	-----
14	51	6	-----	-----	-----	-----	-----	-----	299	68	-----
1,665	132	13,555	105,735	166,125	34,200	27	10	353,078	199,115	3,275,376	150
15	118	12	-----	-----	-----	-----	-----	-----	2,325	-----	1
447	114	2,006	32,272	-----	-----	9	4	150,625	25,421	603,363	48
78	94	72	-----	-----	-----	-----	-----	-----	6,008	283	-----
175	156	2,544	650	75	-----	1	-----	11,946	42,437	4,957	14
23	147	650	-----	-----	-----	-----	-----	-----	6,587	-----	-----
2,439	126	18,845	140,157	167,700	34,200	37	14	515,649	282,192	3,896,405	213

FOURTH DISTRICT

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Fourth Inspection District, comprising the coal producing counties of Cass, Christian, Logan, Menard, Morgan, Pike, Sangamon and Scott for the year ending December 31, 1939.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,

HARRY ROBERTS, *Inspector.*

FOURTH DISTRICT.

	1939	1938	1937	1936	1935
Number of counties producing coal.....	8	7	7	6	6
Number of shipping mines.....	13	13	14	14	16
Number of local mines.....	41	35	36	33	49
Number of employees underground.....	4,506	4,705	5,280	5,465	5,588
Number of employees on surface.....	986	933	1,002	985	987
Total number employed.....	5,492	5,638	6,282	6,450	6,575
Tons of coal produced in shipping mines.....	5,920,859	5,363,931	7,082,294	7,161,880	6,245,745
Tons of coal produced in local mines.....	470,740	395,472	421,852	337,714	332,113
Tons of coal produced, total.....	6,391,599	5,759,403	7,504,146	7,499,594	6,577,858
Days operated, shipping mines, average.....	133	139	165	172	151
Days operated, local mines, average.....	147	171	161	161	155
Number of undercutting machines.....	61	60	60	63	62
Tons undercut.....	5,407,417	4,820,263	5,949,443	5,837,013	4,838,589
Tons mined by hand.....	981,520	939,140	1,554,703	1,662,581	1,739,269
Tons mined in strip mines.....	2,662				
Number of loading machines used.....	217	209	268	244	224
Tons loaded mechanically.....	5,258,673	4,681,835	5,758,309	5,560,504	4,536,678
Number of fatal accidents.....	16	9	5	12	7
Number of non-fatal accidents.....	363	380	473	525	466
Number of employees to each fatality.....	343	626	1,256	538	939
Number employed to each non-fatal accident.....	15.1	14.8	13.3	12	14.1
Tons of coal mined to each fatality.....	396,975	639,934	1,500,820	624,966	939,694
Tons mined to each non-fatal accident.....	17,608	15,156	15,865	14,285	14,116
Number of fatalities per 1,000 employed.....	2.9	1.6	.8	1.9	1.1
Number injured per 1,000 employed.....	66.0	67.4	75.3	81.4	70.9

ABANDONED MINES.

Brewerton Coal Co. No. 81, Sangamon County.

IDLE MINES.

Pana Coal Co. No. 2, Pana, Christian County.

Panther Creek Mines, Inc., No. 1, Auburn, Sangamon County.

Panther Creek Mines, Inc., No. 3, Springfield, Sangamon County.

Peabody Coal Co. No. 6, Sherman, Sangamon County.

Peabody Coal Co. No. 21, Stonington, Christian County.
 Peabody Coal Co. No. 52, Riverton, Sangamon County.
 Peabody Coal Co. No. 54, Auburn, Sangamon County.
 Peabody Coal Co. No. 55, Springfield, Sangamon County.

FATAL ACCIDENTS.

January 12, William E. Keeton, helper on loading machine, aged 54 years, divorced, killed by fall of rock in mine No. 9 of the Peabody Coal Co., leaving two dependent children.

January 30, Victor Huffmaster, top man, aged 51 years, married, killed by clothes catching in drive shaft to shakers at No. 1 mine of the Pana Coal Mining Co., leaving wife and two dependent children.

February 20, William Durich, yard man, aged 37 years, married, killed by railroad car at mine No. 7 of the Peabody Coal Co., leaving wife and three dependent children.

March 6, Cecil Preval, machine operator, aged 33 years, married, killed by fall of slate in mine No. 53 of the Peabody Coal Co., leaving wife and one dependent child.

March 6, Fred Dueck, loading machine helper, aged 29 years, single, killed by fall of slate in mine No. 53 of the Peabody Coal Co., no dependents.

April 18, Stanley Pollis, loader, aged 57 years, married, killed by fall of slate in mine No. 59 of the Peabody Coal Co., leaving widow.

April 27, Marceau Wattelet, timberman's helper, aged 29 years, married, killed by fall of slate in mine No. 8 of the Peabody Coal Co., leaving wife and one dependent child.

July 13, Clevis Pratt, loader, aged 62 years, married, killed by fall of rock in mine No. 57 of the Peabody Coal Co., leaving wife.

August 15, Roland Lasater, loading machine operator, aged 38 years, married, killed by fall of top coal and clod in mine No. 9 of the Peabody Coal Co., leaving wife.

October 24, Edmund Hurtin, miner, aged 54 years, married, killed by fall of coal at mine No. 1 of the Penwell Coal Mining Co., leaving wife.

October 26, Amos Ingold, Jr., motorman, aged 44 years, married, crushed by cars in mine No. 7 of the Peabody Coal Co., leaving wife.

October 29, Charles M. Bryant, loading machine operator, aged 30 years, married, crushed between machine and rib in mine No. 57 of the Peabody Coal Co., leaving wife and three children dependent.

November 28, Ray Hunt, miner, aged 48 years, married, killed by fall of clod in mine of Bethel Coal Co., leaving wife and one dependent child.

December 12, William Beyers, clod man, aged 60 years, married, killed by fall of clod in mine No. 58 of the Peabody Coal Co., leaving widow.

December 13, George Trello, miner, aged 41 years, married, killed by fall of rock in mine No. 5 of the Panther Creek Mines, Inc., leaving widow.

December 14, Harry W. Dooley, tool sharpener, aged 53 years, divorced, killed by falling against bumper of motor in mine No. 7 of the Peabody Coal Co., leaving one dependent child.

FATAL ACCIDENTS—FOURTH DISTRICT, 1939.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Jan. 12 Jan.	12	William E. Keeton	54	Loading machine helper	Taylorville	Peabody Coal Co.	9	1	1	1	2	2	2 Fall of rock.
Jan. 30 Jan.	30	Victor Huffmaster	51	Top man	Pana	Penwell Coal Mining Co.	1	1	1	1	2	3	Clothes caught in drive shaft.
Feb. 20 Feb.	20	William Durich	37	Yard man	Taylorville	Peabody Coal Co.	7	1	1	1	3	4	Run over by cars.
Mar. 6 Mar.	6	Cecil Preval	33	Machine operator	Springfield	Peabody Coal Co.	53	1	1	1	1	2	Fall of slate.
Mar. 6 Mar.	6	Fred Dueck	29	Machine helper	Springfield	Peabody Coal Co.	53	1	1	1	1	1	Fall of slate.
Apr. 18 Apr.	18	Stanley Pollis	57	Loader	Springfield	Peabody Coal Co.	59	1	1	1	1	1	Fall of slate.
Apr. 27 Apr.	27	Marceau Wattlelet	29	Timberman	Stonington	Peabody Coal Co.	8	1	1	1	1	2	Fall of slate.
July 13 July	13	Clevis Pratt	62	Loader	Carlinville	Peabody Coal Co.	57	1	1	1	1	1	Fall of rock.
Aug. 11 Aug.	15	Roland Lasater	38	Machine operator	Taylorville	Peabody Coal Co.	9	1	1	1	1	1	Fall of rock.
Oct. 24 Oct.	24	Edmund Hurtin	54	Miner	Tower Hill	Penwell Coal Mining Co.	1	1	1	1	1	1	Fall of face coal.
Oct. 26 Oct.	26	Amos Ingold, Jr.	44	Motorman	Kincaid	Peabody Coal Co.	7	1	1	1	1	1	Crushed by cars.
Oct. 7 Oct.	29	Charles M. Bryant	30	Loading machine operator	Athens	Peabody Coal Co.	57	1	1	1	3	4	Crushed by machine.
Nov. 28 Nov.	28	Ray Hunt	48	Miner	Pleasant Plains	Bethel Coal Co.	58	1	1	1	1	1	Fall of rock.
Dec. 12 Dec.	12	William Bevers	60	Clod man	Taylorville	Peabody Coal Co.	5	1	1	1	1	1	Fall of rock.
Dec. 13 Dec.	13	George Trello	41	Miner	Springfield	Panther Creek Mines	5	1	1	1	1	1	Fall of rock.
Dec. 9 Dec.	14	Harry W. Dooley	53	Tool sharpener	Taylorville	Peabody Coal Co.	7	1	1	1	1	1	Fall of rock.

NON-FATAL ACCIDENTS—FOURTH DISTRICT.

Name of operator.	Number injured.	Number not returned.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.		Month in which accident occurred.	
			Total.	Average.	Number injured.	Days lost.		Number injured.	Month.	Number injured.
						Total.	Average.			
Central Illinois Mining Co., "A"	7	---	245	35	4	69	17	3	January	34
Panther Creek Mines, Inc., No. 5	32	5	1,731	27	15	255	17	12	February	28
Peabody Coal Co., No. 8	40	6	1,359	35	24	324	14	20	March	38
Peabody Coal Co., No. 9	43	5	1,476	39	19	246	13	19	April	30
Peabody Coal Co., No. 6	45	11	1,327	45	14	201	14	20	May	41
Peabody Coal Co., No. 52	33	5	1,355	36	21	293	14	17	June	15
Peabody Coal Co., No. 57	29	1	1,161	40	12	211	18	16	July	25
Peabody Coal Co., No. 58	32	2	1,289	43	13	204	14	15	August	26
Peabody Coal Co., No. 59	46	7	1,243	32	22	356	16	17	September	34
Penwell Coal Mining Co.	14	2	341	28	7	103	15	5	October	35
Shipping Mines.	341	44	10,855	37	158	2,262	15	144	November	31
Local Mines.	22	5	471	28	11	157	14	6	December	26
Total	363	49	11,326	36	164	2,419	15	150		363

CASS COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	LOCAL MINES.						
L-1	Thos. Morey.....	Beardstown.....	533				533
L-4	Fred Roloff.....	Chandlerville.....	820				800
L-8	Roloff Coal Mine.....	Chandlerville.....	416				416
L-9	Newmansville Coal Co.....	Ashland.....	500				400
	4 local mines total.....		2,209				2,149

CHRISTIAN COUNTY

SHIPPING MINES.							
S-1	Pana Coal Co., No. 1.....	Pana.....	21,664	3,264		5,294	9,653
S-2	Peabody Coal Co., No. 7.....	Kineaid.....	1,081,568	998,217	81,366		1,094
S-3	Peabody Coal Co., No. 8.....	Kineaid.....	1,117,976	1,028,180	75,026		14,040
S-4	Peabody Coal Co., No. 9.....	Taylorville.....	1,097,382	981,508	115,045		
S-5	Peabody Coal Co., No. 58.....	Taylorville.....	751,777	635,805	49,905		60,010
S-6	Penwell Coal Mining Co.....	Pana.....	90,533	51,013	4,264		29,603
	6 shipping mines total.....		4,160,900	3,697,987	325,606	5,294	114,400
LOCAL MINES.							
L-1	Edinburg Coal Co.....	Edinburg.....	11,048				10,453
	7 all mines total.....		4,171,948	3,697,987	325,606	5,294	124,853

LOGAN COUNTY

LOCAL MINES.							
L-1	Deer Creek Coal Co.....	Lincoln.....	27,334				27,334
L-2	Bliss Coal Mining Co.....	Lincoln.....	1,600				1,430
	2 local mines total.....		28,934				28,764

MENARD COUNTY

LOCAL MINES.							
L-1	Greenview Mining Co.....	Greenview.....	38,852				38,800
L-2	Johnson Valley Coal Co.....	Middletown.....	33,856				32,056
L-3	Chas. Whitehurst.....	Tallula.....	8,512				8,194
L-4	Harry A. Perkins.....	Athens.....	5,869				5,869
L-5	Indian Creek Coal Co.....	Petersburg.....	5,930				5,480
L-6	John W. Mallergren.....	Petersburg.....	8,654				7,589
L-7	Old Salem Coal Co.....	Petersburg.....	3,750				2,850
L-8	Pleasant Hill Coal Co.....	Petersburg.....	4,160				3,791
L-9	Lincoln Coal Mine.....	Petersburg.....	4,593				4,339
L-10	Tebrugge Bros.....	Petersburg.....	1,434				1,295
L-11	Bost & Cappechi.....	Petersburg.....	37				33
	11 local mines total.....		115,647				110,296

FOURTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
20		4	40	70							533			L-1
		3	161	116							820			L-4
		4	45	5							416			L-8
100		3	50	50							500		1	L-9
120		14	74	241							2,269		1	

FOURTH DISTRICT.

2,879	574	128	72	2,875			50	1	1	21,664			7	S-1
891		523	178	423,475				5	26	1,081,568				S-2
730		515	176	404,700				6	36	1,117,976				S-3
829		541	176	372,950	9,900			8	31	1,097,382				S-4
6,057		388	177	208,400	1,400			4	24	751,777				S-5
4,500	1,153	250	55	11,105			9,900	1	2	2,765	87,768		12	S-6
15,886	1,727	2,348	139	1,423,505	11,300	9,950		25	120	4,073,132	87,768		19	
595		25	145	100				2		11,048			4	I-1
16,481	1,727	2,373	140	100	1,423,505	11,300	9,950	27	120	4,084,180	87,768		23	

FOURTH DISTRICT.

		25	196	1,455							27,334			L-1
90	80	7	190		2,150						1,600		2	L-2
90	80	32	193	1,455	2,150						28,934		2	

FOURTH DISTRICT.

52		54	165	1,680				1	1	38,852			3	I-1
1,800		32	192	500				2	1	33,856			2	L-2
318		14	234	469							8,512		2	L-3
		7	160	400							5,869		2	L-4
325	125	9	156	305							5,930		1	L-5
265	800	18	269	475							8,654		2	L-6
25	875	10	186	243							3,750		2	L-7
10	359	12	234	230							4,160		2	L-8
254		12	216	300							4,593		1	L-9
139		4	152		1,450						1,434			L-10
4		5	10	3							37			L-11
3,192	2,159	177	170	4,585	1,450			3	2	72,708	42,939		17	

MORGAN COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	LOCAL MINES.						
L-1	Wagstaff & Smith.....	Murrayville.....	50				50
L-2*	Fisher & Fisher.....	Murrayville.....	725				700
L-2*	Fisher Coal Mine.....	Murrayville.....	494				485
	2 local mines total.....		1,269				1,235

PIKE COUNTY

LOCAL MINES.							
L-3	C. J. Manley.....	Baylis.....	64	-----	-----	-----	64

SANGAMON COUNTY

SHIPPING MINES.							
S-1	Central Illinois Coal Mining Co., "A".....	Springfield.....	187,564	31,879	121,259	-----	34,195
S-2	Mine B Coal Co.....	Springfield.....	22,395	9,130	6,707	-----	2,470
S-3	Panther Creek Mines, Inc., No. 4.....	Springfield.....	54,804	20,135	26,505	-----	7,174
S-4	Panther Creek Mines, Inc., No. 5.....	Springfield.....	306,890	142,413	80,889	-----	78,328
S-5	Peabody Coal Co., No. 53.....	Springfield.....	412,035	179,939	161,698	-----	68,428
S-6	Peabody Coal Co., No. 57.....	Springfield.....	353,598	259,422	9,150	-----	75,791
S-7	Peabody Coal Co., No. 59.....	Springfield.....	422,673	355,238	47,766	785	14,784
	7 shipping mines total.....	-----	1,759,959	998,156	453,974	785	281,170
LOCAL MINES.							
L-1	Panther Creek Mines, Inc., No. 2.....	Springfield.....	93,288	-----	-----	-----	78,432
L-2	Number Twelve Coal Co.....	Springfield.....	22,289	-----	-----	-----	20,935
L-3	Howard Coal Co.....	Athens.....	17,255	-----	-----	-----	17,255
L-4	Barr Coal Co.....	Athens.....	47,588	-----	-----	-----	47,540
L-5	Happy Hollow Mining Co.....	Pleasant Plains.....	9,891	-----	-----	-----	9,891
L-6	Bethel Mine.....	Pleasant Plains.....	5,717	-----	-----	-----	5,192
L-7	Bryan Eddy.....	Athens.....	25,142	-----	-----	-----	23,142
L-8	Cosmo Coal Co.....	Loami.....	5,265	-----	-----	-----	5,250
L-10	Cantrall Coal Co.....	Petersburg.....	24,512	-----	-----	-----	24,057
L-11	Wenneborg Coal Co.....	New Berlin.....	6,480	-----	-----	-----	5,309
L-12	Plains Mining Co.....	Pleasant Plains.....	2,620	-----	-----	-----	2,620
L-13	Springfield Salisbury Coal Co.....	Pleasant Plains.....	10,011	-----	-----	-----	10,011
L-15	Denkert Coal Co.....	Riverton.....	24,000	-----	-----	-----	24,000
L-16	Riddle Hill Coal Co.....	New Berlin.....	4,597	-----	-----	-----	4,347
L-20	Sangamon Valley Coal Co.....	Springfield.....	8,691	-----	-----	-----	7,461
	15 local mines total.....	-----	307,347	-----	-----	-----	285,433
	22 all mines total.....	-----	2,067,306	998,156	453,974	785	566,603

* Number of employees, mining machines, motors and animals underground averaged account different management of same mine.

FOURTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
25		4	30								50			L-1
9		*5	110								725			*L-2
		*6	60								494			*L-2
34		10	100								1,269			

FOURTH DISTRICT.

		3	62									64		L-3
--	--	---	----	--	--	--	--	--	--	--	--	----	--	-----

FOURTH DISTRICT.

231		307	120	272	244,275	83		4		187,564	23	S-1	
460	3,628	87	24	1,220				4		22,395	14	S-2	
990		385	51	2,781		50		4		54,804	25	S-3	
3,869	1,391	428	248	16,004		50		3		306,890	26	S-4	
890	1,080	398	153		529,300		7	8	412,035		45	S-5	
5,994	3,241	378	145		468,600		8	7	353,598		33	S-6	
4,100		381	155		587,250		8	6	422,673		42	S-7	
16,534	9,340	2,364	128	20,277	1,829,425	183		23	36	1,188,306	571,653	208	
172	14,684	204	131	4,831				3		93,288		12	L-1
700	654	60	138	596	11,775					22,289		9	L-2
		20	144	250				3		17,255		3	L-3
49		33	186	1,995	5,075					47,589		4	L-4
		21	185	657				1		9,891		2	L-5
525		13	190	400						5,717		3	L-6
1,000	1,000	12	195	242						25,142		2	L-7
15		13	171	635						5,265		3	L-8
455		24	222	754						24,512		3	L-10
250	930	15	135	100				2		6,480		3	L-11
		6	100	25						2,620		2	L-12
		10	200	800						10,011		3	L-13
		39	200	1,600				1		24,000		4	L-15
	250	12	126	353	100			1		4,597		1	L-16
615	615	18	80	385						8,691			L-20
3,781	18,133	500	160	13,623	16,950			8	3	62,223	245,124		54
20,315	27,473	2,864	150	33,900	1,846,375	183		31	39	1,250,529	816,777		262

SCOTT COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	LOCAL MINES.						
L-1	Hosking Bros. Mine.....	Winchester.....	670	-----	-----	-----	670
L-2	Earl Gray.....	Winchester.....	761	-----	-----	-----	761
L-4	Alsey Strip Mine.....	Winchester.....	2,598	-----	-----	-----	2,598
L-5	Coal Hollow Coal Co.....	Winchester.....	25	-----	-----	-----	16
L-7	Josh Hepworth.....	Alsey.....	108	-----	-----	-----	108
	5 local mines total.....	-----	4,162	-----	-----	-----	4,153

FOURTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
-----	-----	4	200	-----	1,000	-----	-----	-----	-----	-----	670	-----	-----	L-1
-----	-----	3	190	32	-----	-----	-----	-----	-----	-----	761	-----	-----	L-2
-----	-----	7	270	-----	-----	-----	200	-----	-----	-----	-----	2,598	-----	L-4
-----	9	4	10	3	-----	-----	-----	-----	-----	-----	25	-----	-----	L-5
-----	-----	1	90	-----	-----	-----	-----	-----	-----	-----	108	-----	-----	L-7
-----	9	19	132	35	1,000	-----	200	-----	-----	-----	1,564	2,598	-----	-----

FOURTH DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Christian.....	6	4,160,900	3,697,987	325,606	5,294	114,400	15,886	1,727
Sangamon.....	7	1,759,959	998,156	453,974	785	281,170	16,534	9,340
Total.....	13	5,920,859	4,696,143	779,580	6,079	395,570	32,420	11,067

LOCAL

Cass.....	4	2,269	-----	-----	-----	2,149	120	-----
Christian.....	1	11,048	-----	-----	-----	10,453	595	-----
Logan.....	2	28,934	-----	-----	-----	28,764	90	80
Menard.....	11	115,647	-----	-----	-----	110,296	3,192	2,159
Morgan.....	2	1,269	-----	-----	-----	1,235	34	-----
Pike.....	1	64	-----	-----	-----	64	-----	-----
Sangamon.....	15	307,347	-----	-----	-----	285,433	3,781	18,133
Scott.....	5	4,162	-----	-----	-----	4,153	-----	9
Total.....	41	470,740	-----	-----	-----	442,547	7,812	20,381

ALL

Cass.....	4	2,269	-----	-----	-----	2,149	120	-----
Christian.....	7	4,171,948	3,697,987	325,606	5,294	124,853	16,481	1,727
Logan.....	2	28,934	-----	-----	-----	28,764	90	80
Menard.....	11	115,647	-----	-----	-----	110,296	3,192	2,159
Morgan.....	2	1,269	-----	-----	-----	1,235	34	-----
Pike.....	1	64	-----	-----	-----	64	-----	-----
Sangamon.....	22	2,067,306	998,156	453,974	785	566,603	20,315	27,473
Scott.....	5	4,162	-----	-----	-----	4,153	-----	9
Total.....	54	6,391,599	4,696,143	779,580	6,079	838,117	40,232	31,448

RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.			Machine.	Hand.	Stripping.	
2,348	139	-----	1,423,505	11,300	9,950	25	120	4,073,132	87,768	-----	19
2,364	128	20,277	1,829,425	183	-----	23	36	1,188,306	571,653	-----	208
4,712	133	20,277	3,252,930	11,483	9,950	48	156	5,261,438	659,421	-----	227

MINES.

14	74	241	-----	-----	-----	-----	-----	-----	2,269	-----	1
25	145	100	-----	-----	-----	2	-----	11,048	-----	-----	4
32	193	1,455	2,150	-----	-----	-----	1	-----	28,934	-----	2
177	170	4,585	1,450	-----	-----	3	2	72,708	42,939	-----	17
10	100	-----	-----	-----	-----	-----	-----	-----	1,269	-----	-----
3	62	-----	-----	-----	-----	-----	-----	-----	-----	64	-----
500	160	13,623	16,950	-----	-----	8	3	62,223	245,124	-----	54
19	132	35	1,000	-----	200	-----	-----	-----	1,564	2,598	-----
780	147	20,039	21,550	-----	200	13	6	145,979	320,099	2,662	78

MINES.

14	74	241	-----	-----	-----	-----	-----	-----	2,269	-----	1
2,373	140	100	1,423,505	11,300	9,950	27	120	4,084,180	87,768	-----	23
32	193	1,455	2,150	-----	-----	-----	1	-----	28,934	-----	2
177	170	4,585	1,450	-----	-----	3	2	72,708	42,939	-----	17
10	100	-----	-----	-----	-----	-----	-----	-----	1,269	-----	-----
3	62	-----	-----	-----	-----	-----	-----	-----	-----	64	-----
2,864	150	33,900	1,846,375	183	-----	31	39	1,250,529	816,777	-----	262
19	132	35	1,000	-----	200	-----	-----	-----	1,564	2,598	-----
5,492	144	40,316	3,274,480	11,483	10,150	61	162	5,407,417	981,520	2,662	305

FIFTH DISTRICT

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Fifth Inspection District comprising the coal producing counties of Edgar, Macon and Vermilion for the year ending December 31, 1939.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,

THOMAS MCKENNA, *Inspector.*

FIFTH DISTRICT.

	1939	1938	1937	1936	1935
Number of counties producing coal.....	3	3	3	3	3
Number of shipping mines.....	8	7	8	7	8
Number of local mines.....	92	92	100	124	147
Number of employees underground.....	2,454	2,610	2,785	2,950	3,109
Number of employees on surface.....	487	549	469	442	448
Total number employed.....	2,941	3,159	3,254	3,392	3,357
Tons of coal produced in shipping mines.....	1,772,517	1,434,773	2,055,848	2,138,928	1,850,109
Tons of coal produced in local mines.....	362,224	356,603	427,419	386,544	362,528
Tons of coal produced, total.....	2,134,741	1,791,376	2,483,267	2,525,472	2,212,637
Days operated, shipping mines, average.....	139	128	133	178	148
Days operated, local mines, average.....	128	126	129	115	104
Number of undercutting machines.....	81	82	90	94	80
Tons undercut.....	1,781,822	1,445,942	2,121,250	2,193,932	1,886,197
Tons mined by hand.....	126,043	118,691	178,995	185,908	225,673
Tons mined in strip mines.....	226,876	226,743	183,022	145,632	100,767
Number of loading machines used.....	43	43	59	47	54
Tons loaded mechanically.....	884,618	662,385	863,700	732,656	514,328
Number of fatal accidents.....	6	10	7	8	7
Number of non-fatal accidents.....	147	162	222	259	225
Number of employees to each fatality.....	490	316	465	424	508
Number employed to each non-fatal accident.....	20.0	19.5	14.7	13.1	15.8
Tons of coal mined to each fatality.....	355,790	179,138	354,752	315,684	316,091
Tons mined to each non-fatal accident.....	14,522	11,058	11,186	9,751	9,834
Number of fatalities per 1,000 employed.....	2.0	3.1	2.2	2.4	2.0
Number injured per 1,000 employed.....	49.9	51.3	68.2	76.4	63.2

NEW MINES.

Grape Creek Mining Co., Vermilion County.

IDLE MINES.

Lovington Coal Mining Co., Lovington, Moultrie County.
United States Fuel Co., "Vermilion" Vermilion County.

FATAL ACCIDENTS.

January 1, Harold Chester Wilkins, rock man, aged 29 years, single, crushed by motor, in mine No. 24 of the Peabody Coal Co., leaving mother dependent.

January 2, Noah Haun, miner and operator, aged 73 years, married, killed by fall of waste bank in strip mine operated by Haun & Son Stripping Co., leaving widow.

March 1, John William Morrison, miner, aged 59 years, divorced, crushed by cars in Bunsenville mine of the United States Fuel Co., leaving no dependents.

March 25, John R. Grimes, loading machine helper, aged 36 years, married, killed by fall of rock in mine No. 24 of the Peabody Coal Co., leaving widow and three children.

April 8, David Lowe, driver, aged 49 years, single, crushed by cars in mine of Tilton Mining Co., leaving no dependents.

September 5, Nasby Earl Hume, cutting machine operator, aged 59 years, married, crushed between motor and door in mine No. 24 of the Peabody Coal Co., leaving widow and two children.

FATAL ACCIDENTS—FIFTH DISTRICT, 1939.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Dec. 30 1938.	1	Harold Chester Wilkins	29	Rock man.	Bloomington, Ind.	Peabody Coal Co.	24	1	1	1	1	1	Crushed by cars.
Jan. 2	2	Noah Haun	73	Miner and owner	Danville	Haun & Son Stripping Co.	Bun	1	1	1	1	1	Slide of high wall.
Jan. 1	1	John William Morrison	59	Miner	Danville	U. S. Fuel Co.		1	1	1	1	1	Crushed by cars.
Mar. 1	1	John R. Grimes	36	Loading machine helper	Georgetown.	Peabody Coal Co.	24	1	1	1	3	4	Fall of rock.
Mar. 25	25	John R. Grimes	36	Driver	Danville	Tilton Mining Co.		1	1	1	1	1	Crushed by cars.
Apr. 8	8	David Lowe	49	Machine operator	Muncie.	Peabody Coal Co.	24	1	1	1	2	3	Crushed by motor.
Apr. 8	8	David Lowe	49	Machine operator	Muncie.	Peabody Coal Co.	24	1	1	1	2	3	Crushed by motor.
Sept. 5	5	Nasby Earl Hume	59	Machine operator	Muncie.	Peabody Coal Co.	24	1	1	1	2	3	Crushed by motor.

EDGAR COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
S-1	Lincoln City Coal Co.	St. Berniece....	71,084	36,687	33,379	-----	1,018
LOCAL MINES.							
L-1	Edgar County Coal Co., Inc.	Paris.....	26,092				22,877
L-2	Martin Mine.....	Paris.....	2,973				2,828
L-3	Greenwalt Coal Co.	Paris.....	2,814				2,814
L-4*	Pleasant Hill Coal Co.	Scotland.....	200				200
L-4*	Pleasant Hill Coal Co.	Scotland.....	50				25
L-6	Standard Coal Co.	Paris.....	486				401
5 local mines total.....			32,615				29,145
6 all mines total.....			103,699	36,687	33,379	-----	30,163

MACON COUNTY

SHIPPING MINES.							
S-1	Macon County Coal Co.	Decatur.....	89,846	5,463	-----	-----	82,205

VERMILION COUNTY

SHIPPING MINES.							
S-1	United States Fuel Co., Bun....	Georgetown....	771,808	404,896	350,945	-----	10,930
S-2	Peabody Coal Co., No. 24.....	Danville.....	655,201	374,393	192,035	-----	78,719
S-3	F. C. Morgan Coal Co.	Danville.....	129,303	124,131	5,172	-----	-----
S-4	Tilton Mining Co.	Danville.....	39,829	1,709	21,883	-----	16,065
S-6	Skelton Coal Co.	Muncie.....	5,182	2,500	-----	-----	2,682
S-56	Grape Creek Mining Co.	Danville.....	10,264	6,620	588	-----	1,656
6 shipping mines total			1,611,587	914,249	570,623	-----	110,082
LOCAL MINES.							
L-1	Hegeler Zinc Co.	Danville.....	92,860	-----	-----	-----	-----
L-2	Crawford Coal Co.	Oakwood.....	20,690	-----	-----	-----	20,690
L-3	Oakwood Coal Co.	Oakwood.....	23,576	-----	-----	-----	22,692
L-4	Lete & Sons Coal Co.	Danville.....	4,472	-----	-----	-----	4,462
L-5	W. & W. Coal Co.	Danville.....	13,494	-----	-----	-----	12,853
L-6	M. & M. Coal Co.	Danville.....	12,400	-----	-----	-----	12,400
L-7	Central Coal Co.	Fairmount....	8,025	-----	-----	-----	7,999
L-8	F. B. & M. Coal Co.	Danville.....	16,706	-----	-----	-----	16,196
L-9	Dragon Coal Co.	Danville.....	6,630	-----	-----	-----	6,530
L-10	M. B. Coal Co.	Danville.....	1,853	-----	-----	-----	1,718
L-11	L. & S. Coal Co.	Danville.....	7,430	-----	-----	-----	7,430
L-12	Donaldson & Fairhall Co., (Blackburn Coal Co.)	Danville.....	941	-----	-----	-----	941
L-13	Anderson Coal Co., No. 2.....	Catlin.....	2,876	-----	-----	-----	2,847

* Number of employees, mining machines, motors and animals underground averaged account different management of same mine.

FIFTH DISTRICT.

Disposition of output—tons.				Explosives used for blasting coal.				Number of—						
Tons consumed at the mine.	All coal not sold including waste.	Total employees.	Days of active operation.	Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.	Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
-----	-----	33	93	-----	4,050	10,500	-----	-----	-----	-----	-----	71,084	-----	S-1
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
3,000	215	42	167	-----	3,075	-----	-----	2	-----	26,092	-----	-----	4	L-1
45	100	7	112	-----	950	-----	-----	1	-----	2,973	-----	-----	1	L-2
-----	-----	8	150	300	-----	-----	-----	-----	-----	-----	2,814	-----	1	L-3
-----	-----	*3	35	10	-----	-----	-----	-----	-----	-----	200	-----	-----	*L-4
10	15	*3	10	3	-----	-----	-----	-----	-----	-----	50	-----	-----	*L-4
5	80	5	106	27	-----	-----	260	-----	-----	-----	486	-----	-----	L-6
3,060	410	65	116	340	4,025	-----	260	3	-----	29,065	3,550	-----	6	-----
3,060	410	98	112	340	8,075	10,500	260	3	-----	29,065	3,550	71,084	6	-----

FIFTH DISTRICT.

2,178		285	146		4,000			8	5	89,846			17	S-1
-------	--	-----	-----	--	-------	--	--	---	---	--------	--	--	----	-----

FIFTH DISTRICT.

2,980	2,057	1,195	154			148,275	31	26	771,808					S-1
7,492	2,562	556	184		500	11,550	17	31	655,201				7	S-2
		35	125			6,000						129,303		S-3
142		66	222	746	2,000		3		32,602	7,227			4	S-4
		17	171		2,000		1		5,182				2	S-6
	1,400	23	16		500							10,264		S-6
10,614	6,019	1,892	145	746	5,000	11,550	52	57	1,464,793	7,227		139,567	13	
92,860		123	188		7,200	22,650	4	5	76,976	15,884			2	L-1
	884	28	248	520			1		19,090	1,600				L-2
		37	159		10,900		1	1	23,576					L-3
10		13	114	27	1,250		1		3,824	648			2	L-4
100	541	16	130	450			1		11,644	1,850			2	L-5
		13	190		2,500		1	1	11,000	1,400				L-6
26		16	168	160			1		8,025				2	L-7
10	500	17	300	401			1		16,706				3	L-8
100		12	212	115			1		6,630				1	L-9
135		17	45	75						1,853			1	L-10
		9	193	324						7,430			1	L-11
		*40	10	15								941		L-12
29		10	115	73			275	1	2,006	870			1	L-13

VERMILION COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
L-14*	B. & B. Coal Co.	Danville	215				215
L-14*	Perry Bales Coal Co.	Danville	609				600
L-16	John Mauck & Sons Coal Co.	Catlin	5,964				5,214
L-17	Diamond Mine	Danville	5,186				5,156
L-18	Black Hawk Coal Co.	Muncie	3,955				3,940
L-20	Pichon Coal Co.	Catlin	4,255				4,255
L-22	Deep Valley Coal Co.	Catlin	3,055				3,055
L-24	Ryan & Jones Coal Co.	Tilton	930				880
L-29	Larrew Coal Co.	Catlin	2,151				1,551
L-30	M. & P. Coal Co.	Catlin	1,290				1,280
L-33	Haun & Son Stripping Co.	Danville	30				30
L-34	Pearson Mine, No. 2	Catlin	2,351				2,321
L-36	Lone Hill Coal Co.	Muncie	108				108
L-38	Ray Mine, No. 1	Fairmount	483				483
L-41	P. J. Dowiatt Coal Co., No. 2	Westville	5,340				5,340
L-43	Riverside Coal Co.	Danville	1,194				1,194
L-44	Chester W. Larson	Oakwood	1,200				950
L-51	Frederickson, No. 1	Danville	500				500
L-54	George Bros. Coal Co.	Fairmount	2,764				2,764
L-55	Lind & Son Coal Co., No. 1	Danville	211				211
L-56	Glen Burgoyne Coal Mine	Catlin	3,709				3,709
L-60	Worley Coal Co.	Tilton	1,411				1,411
L-62	Weir Coal Co.	Danville	628				443
L-63	Shroyer Coal Co.	Catlin	3,994				3,984
L-66*	Riverbank Coal Co.	Muncie	415				415
L-66*	Riverbank Coal Co.	Muncie	318				318
L-67	Bock Coal Co.	Catlin	1,855				1,845
L-68	Quality Coal Co., No. 2	Danville	6,025				5,965
L-72	A. D. & L. Coal Co.	Danville	1,400				1,300
L-73*	Jules Dedryvere Coal Co.	Catlin	700				700
L-73*	Farrell & Murphy	Catlin	200				200
L-73*	M. D. Coal Co.	Catlin	200				200
L-75	Lind Coal Co., No. 2	Danville	556				556
L-76*	New Grape Creek Coal Co., No. 2	Westville	221				221
L-76*	New Grape Creek Coal Co., No. 2	Westville	80				80
L-77	Catlin Coal Co.	Catlin	6,150				5,703
L-80	Hunt Coal Co.	Danville	861				816
L-81	Pierce Coal Co.	Danville	120				120
L-84	McFarland Coal Co.	Tilton	891				891
L-88*	King Coal Co.	Fairmount	616				616
L-88*	Ray Coal Co., No. 2	Fairmount	867				867
L-91	Sheward Coal Co., No. 2	Catlin	1,250				1,250
L-92	Johnson Coal Co., No. 2	Westville	100				75
L-97	Del Valley Coal Co., No. 3	Danville	978				863
L-100	Phillips Stripping Co.	Georgetown	50				43
L-107	Povelones Coal Co.	Fairmount	3,770				3,770
L-109	Howard Coal Co., No. 2	Catlin	1,571				1,571
L-110	W. B. Coal Co.	Catlin	2,663				2,663
L-111	Sumner Bates Mine	Danville	50				47
L-113	Kedas Stripping Co.	Westville	200				200
L-115	Markunas Coal Co.	Westville	657				395
L-119	Noble Collins Coal Co.	Fairmount	1,559				1,509
L-120	South Side Coal Co.	Tilton	97				97
L-121*	Jones & Truax Coal Co.	Catlin	363				363
L-121*	Smith Coal Co.	Catlin	726				726
L-174	Western Brick Co.	Danville	9,059				
L-175*	N. & H. Coal Co.	Danville	282				282
L-175*	Nelson Coal Co.	Danville	951				951
L-176	Roberts Coal Co., No. 2	Danville	824				800
L-177	Old Star Mine	Tilton	531				508
L-179	Schaefer Bros. No. 7 Mine	Danville	1,543				1,518
L-180	Deprett Coal Co.	Tilton	300				280
L-181	North Catlin Coal Co.	Catlin	2,692				2,692

* Number of employees, mining machines, motors and animals underground averaged account different management of same mine.

FIFTH DISTRICT—Continued.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kgs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
9		*3	60	12							215		1	*L-14
30	720	*5	34	37							609		1	*L-14
30		9	176	92				1		5,964			1	L-16
15		6	204	305							5,186		1	L-17
		9	140	200							3,955		1	L-18
		8	142	205				1		338			1	L-20
		6	200	70				1		3,055			1	L-22
	50	5	60	60							930		1	L-24
25	575	4	200	215							2,151		1	L-29
10		5	74	62							1,290		1	L-30
		2	2										1	L-33
30		6	83	147							2,351	30	1	L-34
		3	11	5							108		1	L-36
		4	60	24							483		1	L-38
		10	125	369							5,340		1	L-41
		3	213	60							1,194		1	L-43
250		6	85	65							1,200		1	L-44
		4	50	20							500		1	L-51
		5	151	251							2,764		1	L-54
		3	26	12							211		1	L-55
		5	197	220							3,709		1	L-56
		4	187	70				50			1,411		1	L-60
10	185	4	122	41							628		1	L-62
		4	190	270				850			3,994		1	L-63
		*4	48	30							415		1	*L-66
		*5	90	20				75			318		1	*L-66
10		5	122	130							1,855		1	L-67
60		5	200		2,300								1	L-68
100		4	90	70				1		6,025			1	L-72
		*4	65	35							1,400		1	*L-73
		*3	30	9							700		1	*L-73
		*3	20	8							200		1	*L-73
		3	180	31							200		1	*L-73
		*4	60		200						556		1	L-75
		*3	20	3							221		1	*L-76
		6	196	283				250			1 80		1	*L-76
25	447	3	197		925						6,150		1	L-77
	20	3	20	8							861		1	L-80
		3	179	45							120		1	L-81
		*4	54	33							891		1	L-84
		*5	100	50							616		1	*L-88
		4	160	190							867		1	*L-88
25		3	40	4							1,250		1	L-91
15	100	4	163	82				25			100		1	L-92
7		3	10								978		1	L-97
		11	137	150				250				50	1	L-100
		4	150	90							3,770		1	L-107
		5	210	130							1,571		1	L-109
3		2	30								2,663		1	L-110
		2	20									50	1	L-111
		4	75	33	10							200	1	L-113
50	262	4	100	78				100			657		1	L-115
		3	18	5							1,559		1	L-119
		*4	63	18							97		1	L-120
		*4	120	35							363		1	*L-121
9,059		5	76					2,500			726		1	*L-121
		*3	100	19								9,059	1	L-174
		*3	175	47							282		1	*L-175
24		3	154	41			5				951		1	*L-175
23		3	238	18			200				824		1	L-176
25		6	144	125							531		1	L-177
	20	3	90		300						1,543		1	L-179
		5	217	93							300		1	L-180
											2,692		1	L-181

VERMILION COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
L-182	Lime Springs Strip Mine.....	Danville.....	192	-----	-----	-----	192
L-183	Blue Bird, No. 3.....	Danville.....	1,192	-----	-----	-----	1,192
L-185	Cessna Coal Co., No. 2.....	Catlin.....	3,659	-----	-----	-----	3,659
L-186	B. & W. Coal Co.....	Danville.....	1,148	-----	-----	-----	1,148
L-187*	Lamb-Singleton Coal Co.....	Danville.....	260	-----	-----	-----	260
L-187*	Frederickson Coal Co., No. 4.....	Danville.....	540	-----	-----	-----	540
L-188	Pierce Coal Co., No. 2.....	Danville.....	319	-----	-----	-----	319
L-189	Martin Bros. Coal Co., No. 2.....	Danville.....	410	-----	-----	-----	410
L-190	Lind Coal Co., No. 3.....	Danville.....	500	-----	-----	-----	480
L-191	Middle Fork Coal Co., No. 2.....	Danville.....	30	-----	-----	-----	-----
L-192	Lakeside Coal Co.....	Muncie.....	70	-----	-----	-----	50
L-193	Kistler Hill Mine.....	Muncie.....	353	-----	-----	-----	353
L-194	Lime Spring Coal Co.....	Danville.....	143	-----	-----	-----	143
L-195	Scott & Son Coal Co.....	Danville.....	301	-----	-----	-----	301
L-196	Western Brick Co. Strip Mine, No. 2.....	Danville.....	4,440	-----	-----	-----	-----
L-197	Markunas Coal Co., No. 2.....	Westville.....	85	-----	-----	-----	40
L-198	Howe Coal Co.....	Tilton.....	200	-----	-----	-----	185
L-199	Ireland Coal Co.....	Tilton.....	257	-----	-----	-----	257
L-200	Pearson Coal Co., No. 3.....	Fairmount.....	188	-----	-----	-----	186
L-201	K. & T. Strip Mine.....	Danville.....	115	-----	-----	-----	115
87 local mines total.....			329,609	-----	-----	-----	217,628
93 all mines total.....			1,941,196	914,249	570,623	-----	327,710

* Number of employees, mining machines, motors and animals underground averaged account different management of same mine.

FIFTH DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
-----	-----	4	40	-----	-----	-----	-----	-----	-----	-----	-----	192	---	L-182
-----	-----	3	200	80	-----	-----	-----	-----	-----	-----	1,192	-----	---	L-183
-----	-----	5	190	120	-----	-----	-----	1	-----	3,250	400	-----	2	L-185
-----	-----	2	82	-----	-----	-----	-----	-----	-----	-----	-----	1,148	---	L-186
-----	-----	*3	40	14	-----	-----	-----	-----	-----	-----	260	-----	1	*L-187
-----	-----	*3	70	22	-----	-----	-----	-----	-----	-----	540	-----	---	*L-187
-----	-----	3	100	18	-----	-----	-----	-----	-----	-----	319	-----	1	L-188
-----	-----	4	110	30	-----	-----	-----	-----	-----	-----	410	-----	1	L-189
20	-----	3	100	22	-----	-----	-----	-----	-----	-----	500	-----	---	L-190
20	10	3	5	2	-----	-----	-----	-----	-----	-----	30	-----	---	L-191
20	-----	3	57	7	-----	-----	-----	-----	-----	-----	70	-----	---	L-192
-----	-----	3	80	20	-----	-----	-----	-----	-----	-----	383	-----	1	L-193
-----	-----	3	50	8	-----	-----	-----	-----	-----	-----	143	-----	---	L-194
-----	-----	3	80	20	-----	-----	-----	-----	-----	-----	301	-----	---	L-195
4,440	-----	10	85	-----	1,400	-----	-----	-----	-----	-----	-----	4,440	---	L-196
20	25	3	20	-----	-----	-----	-----	50	-----	-----	85	-----	---	L-197
-----	15	3	35	10	-----	-----	-----	-----	-----	-----	200	-----	---	L-198
-----	-----	3	75	12	-----	-----	-----	-----	-----	-----	257	-----	1	L-199
-----	2	3	60	9	-----	-----	-----	-----	-----	-----	188	-----	---	L-200
-----	-----	3	30	1	-----	-----	-----	-----	-----	-----	-----	115	---	L-201
107,580	4,401	666	121	7,190	26,985	205	27,285	18	7	198,118	115,266	16,225	64	
118,194	10,420	2,558	123	7,936	31,985	11,755	399,260	70	64	1,662,911	122,493	155,792	77	

FIFTH DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Edgar.....	1	71,084	36,687	33,379	-----	1,018	-----	-----
Macon.....	1	89,846	5,463	-----	-----	82,205	2,178	-----
Vermilion.....	6	1,611,587	914,249	570,623	-----	110,082	10,614	6,019
Total.....	8	1,772,517	956,399	604,002	-----	193,305	12,792	6,019

LOCAL

Edgar.....	5	32,615	-----	-----	-----	29,145	3,060	410
Vermilion.....	87	329,609	-----	-----	-----	217,628	107,580	4,401
Total.....	92	362,224	-----	-----	-----	246,773	110,640	4,811

ALL

Edgar.....	6	103,699	36,687	33,379	-----	39,163	3,060	410
Macon.....	1	89,846	5,463	-----	-----	82,205	2,178	-----
Vermilion.....	93	1,941,196	914,249	570,623	-----	327,710	118,194	10,420
Total.....	100	2,134,741	956,399	604,002	-----	440,078	123,432	10,830

RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.			Machine.	Hand.	Stripping.	
33	93	-----	4,050	10,500	-----	8	5	89,846	-----	71,084	-----
285	146	-----	4,000	-----	-----	52	57	1,464,793	7,227	139,567	17
1,892	145	746	5,000	11,550	372,075	52	57	1,464,793	7,227	139,567	13
2,210	139	746	13,050	22,050	372,075	60	62	1,554,639	7,227	210,651	30

MINES.

65	116	340	4,025	-----	260	3	-----	29,065	3,550	-----	6
666	121	7,190	26,985	205	27,285	18	7	198,118	115,266	16,225	64
731	128	7,530	31,010	205	27,545	21	7	227,183	118,816	16,225	70

MINES.

98	112	340	8,075	10,500	260	3	-----	29,065	3,550	71,084	6
285	146	-----	4,000	-----	-----	8	5	89,846	-----	-----	17
2,558	123	7,936	31,985	11,755	399,360	70	64	1,662,911	122,493	155,792	77
2,941	122	8,276	44,060	22,255	399,620	81	69	1,781,822	126,043	226,876	100

SIXTH DISTRICT

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Sixth Inspection District comprising the coal producing counties of Greene, Jersey, Macoupin, Montgomery, and Shelby for the year ending December 31, 1939.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,

JOE FIRTH, JR., *Inspector.*

SIXTH DISTRICT.

	1939	1938	1937	1936	1935
Number of counties producing coal	5	5	5	5	5
Number of shipping mines	13	13	13	13	13
Number of local mines	42	42	50	55	66
Number of employees underground	3,489	3,622	3,839	4,016	4,220
Number of employees on surface	771	744	649	619	562
Total number employed	4,260	4,366	4,488	4,635	4,782
Tons of coal produced in shipping mines	4,158,023	3,927,286	4,443,863	4,850,299	4,226,037
Tons of coal produced in local mines	23,740	30,205	27,739	44,248	46,137
Tons of coal produced, total	4,181,763	3,957,491	4,471,602	4,894,547	4,272,174
Days operated, shipping mines, average	165	157	180	241	181
Days operated, local mines, average	102	115	115	112	102
Number of undercutting machines	65	70	79	80	70
Tons undercut	4,161,644	3,932,127	4,444,874	4,854,399	4,230,947
Tons mined by hand	19,891	25,127	26,728	40,148	40,857
Tons mined in strip mines	228	237	-----	-----	370
Number of loading machines used	119	225	540	526	512
Tons loaded mechanically	3,875,246	3,697,343	4,209,325	4,649,491	3,992,156
Number of fatal accidents	6	5	11	6	2
Number of non fatal accidents	248	277	322	377	352
Number of employees to each fatality	710	873	408	773	2,391
Number employed to each non-fatal accident	17.2	15.8	13.9	12.3	13.6
Tons of coal mined to each fatality	696,960	791,498	406,509	817,758	2,136,087
Tons mined to each non-fatal accident	16,862	14,287	13,887	12,983	12,137
Number of fatalities per 1,000 employed	1.4	1.1	2.5	1.3	.5
Number injured per 1,000 employed	58.2	63.4	71.8	81.3	73.6

CHANGE OF NAME.

Lincoln Liquidating Co., to Virden Mining Corp., Macoupin County.

ABANDONED MINES.

Indiana & Illinois Coal Corp. No. 10, Montgomery County.

IDLE MINES

Cosgrove & Meehan Coal Co. No. 5, Panama, Montgomery County.
Indiana & Illinois Coal Corp. No. 12, Witt, Montgomery County.
Indiana & Illinois Coal Corp. No. 14, Witt, Montgomery County.
Standard Oil Co. No. 1, Carlinville, Macoupin County.
Standard Oil Co. No. 2, Carlinville, Macoupin County.
Erie Sootless Coal Co., Moweaqua, Shelby County.

FATAL ACCIDENTS.

January 26, Walter Molesky, miner, aged 35 years, married, killed by fall of coal in Roscoe Moore mine, leaving widow and dependent mother.

June 12, Robert Stewart Love, motorman, aged 29 years, married, crushed between cars in mine No. 1 of the Superior Coal Co., leaving wife and one dependent child.

June 17, Charles Sheerin, mine manager, aged 51 years, married, killed by falling over debris in mine No. 1 of the Virden Mining Co., leaving wife and two dependent children.

August 21, Fred W. Hertel, machine man and mine manager, aged 48 years, killed by fall of rock in mine of Bauser Coal Co., leaving wife.

October 9, Ernest Ludwig, loading machine operator, aged 47 years, married, killed by fall of slate in mine No. 7 of the Consolidated Coal Co., leaving wife and one dependent child.

December 21, Tom Smith, driver, aged 47 years, married, killed by kick of mule in North mine of the Virden Mining Corporation, leaving wife and two children.

FATAL ACCIDENTS—SIXTH DISTRICT, 1939.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Jan. 26	Jan. 26	Walter Molesky	35	Miner	Brighton	Roscoe Moore	1	1	1	1	1	2	2 Fall of coal.
June 12	June 12	Robert Stewart Love	29	Motorman	Gillespie	Superior Coal Co.	1	1	1	1	1	2	Crushed by cars.
June 12	June 17	Charles Sheerin	51	Mine manager	Viriden	Viriden Mining Corp.	1	1	1	1	2	3	Fell over rock.
Aug. 21	Aug. 21	Fred W. Hertel	48	Machine man	Edwardsville	Bauser Coal Co.	1	1	1	1	1	1	1 Fall of rock.
Oct. 9	Oct. 9	Ernest Ludwig	47	Loading machine operator	Staunton	Consolidated Coal Co.	7	1	1	1	1	2	2 Fall of rock.
Dec. 21	Dec. 21	Tom Smith	47	Driver	Viriden	Viriden Mining Corp.	1	1	1	1	2	3	Kicked by mule.

NON-FATAL ACCIDENTS—SIXTH DISTRICT.

Name of operator.	Number injured.	Number not returned.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.		Month in which accident occurred.	
			Total.	Average.	Number injured.	Days lost.		Number injured.	Month.	Number injured.
						Total.	Average.			
Consolidated Coal Co., No. 7.	26	4	602	31	10	140	14	12	January	25
Consolidated Coal Co., No. 15.	21	3	728	40	9	193	21	9	February	26
Gillespie Coal Co.	8	2	160	27	3	44	15	3	March	28
Hillsboro Mining Co.	8	1	181	26	3	54	18	4	April	38
Indiana & Illinois Coal Corp., No. 10.	6	1	153	31	2	41	22	3	May	15
Lincoln Liquidating Corp.	1	1	7	7	1	7	7	1	June	24
Mc Olive Coal Co.	6	1	367	73	1	20	20	4	July	21
Nokomis Coal Co.	24	1	417	18	19	225	12	4	August	11
South Mine Co.	2	2	27	14	2	27	14	4	September	26
Superior Coal Co., No. 1.	38	3	1,464	42	17	264	16	18	October	17
Superior Coal Co., No. 2.	26	1	1,192	48	10	157	16	15	November	16
Superior Coal Co., No. 3.	35	5	1,306	44	13	171	13	17	December	20
Superior Coal Co., No. 4.	36	3	1,811	55	6	81	13	27	December	12
Virden Mining Corp.	9	1	267	33	4	85	21	4		248
Shipping Mines.	246	26	8,772	40	100	1,509	15	120		
Local Mines.	2		104	52				2		
Total.	248	26	8,876	40	100	1,509	15	122		

GREENE COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
L-6	W. H. Allen.....	Roodhouse.....	1,669				1,669
L-7	James T. Adkins.....	Roodhouse.....	509				509
L-8	Ted Benton No. 1.....	Roodhouse.....	60				48
L-9	Everett Schofield.....	Roodhouse.....	475				475
L-12	John H. Whitehead.....	White Hall.....	50				50
L-15	Theo Hopper.....	Roodhouse.....	361				361
L-17	O. S. Walker.....	Roodhouse.....	297				291
L-25	O. L. Ferguson.....	Roodhouse.....	97				88
L-27	George M. Warrell No. 1.....	Roodhouse.....	519				519
L-29	Willis Smith.....	Roodhouse.....	495				483
L-31	Ben Armstrong.....	Roodhouse.....	60				60
L-33	Jesse Hopper.....	Roodhouse.....	174				173
L-38	Fred W. Simmons.....	Roodhouse.....	422				400
L-41	W. M. Cardwell.....	Roodhouse.....	224				224
L-42	Fred Steckel.....	White Hall.....	96				96
L-44	Tate Coal Co.....	Roodhouse.....	222				221
L-45	E. A. Elliott.....	Roodhouse.....	161				151
L-46	Charley Houck, No. 2.....	Roodhouse.....	140				136
L-47	W. E. Overby, No. 2.....	Roodhouse.....	194				194
L-48	A. G. Dove Coal Co.....	Roodhouse.....	127				124
L-49	Orville L. Ferguson, Jr., No. 2.....	Roodhouse.....	29				25
L-50	Ruckel's Pottery Works.....	White Hall.....	61				61
22 local mines total.....			6,442				6,358

JERSEY COUNTY

LOCAL MINES.							
L-1*	Yost & Kruse.....	Brighton.....	202				202
L-1*	Yost & Boker.....	Brighton.....	174				174
L-8	Herbert Geisler, No. 1.....	Delhi.....	171				156
L-9	George W. Longfellow.....	Alton.....	167				167
3 local mines total.....			714				699

MACOUPIN COUNTY

SHIPPING MINES.							
S-1	Consolidated Coal Co., No. 7.....	Staunton.....	472,308	125,961	194,818		84,034
S-2	Consolidated Coal Co., No. 15.....	Mt. Olive.....	390,803	140,549	206,208		527
S-3	Gillespie Coal Co.....	Gillespie.....	193,343	103,675	59,800		29,494
S-4	Mt. Olive Coal Co.....	Mt. Olive.....	99,439	24,783	27,496	10,478	28,502
S-5	South Mine Co.....	Carlville.....	21,478	1,617			19,163
S-6	Superior Coal Co., No. 1.....	Gillespie.....	414,259		395,220		6,232
S-7	Superior Coal Co., No. 2.....	Gillespie.....	514,611		490,846		3,422
S-8	Superior Coal Co., No. 3.....	Gillespie.....	544,733		529,680		26
S-9	Superior Coal Co., No. 4.....	Gillespie.....	631,803		613,767		72
S-10*	Lincoln Liquidating Corp.....	Viriden.....	23,963	645	14,567		5,955
S-10*	Viriden Mining Co.....	Viriden.....	128,275	2,340	101,778		12,565
10 shipping mines total.....			3,435,015	399,570	2,640,180	10,478	189,992

* Number of employees, mining machines, motors and animals underground averaged account different management of same mine.

SIXTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
-----	-----	7	215	105	-----	-----	-----	-----	-----	-----	1,669	-----	-----	L-6
-----	-----	4	200	25	-----	-----	-----	-----	-----	-----	509	-----	-----	L-7
2	10	3	30	-----	-----	-----	-----	-----	-----	-----	60	-----	-----	L-8
-----	-----	4	210	40	-----	-----	-----	-----	-----	-----	475	-----	-----	L-9
-----	-----	3	40	-----	-----	-----	-----	-----	-----	-----	50	-----	-----	L-12
-----	-----	3	100	39	-----	-----	-----	-----	-----	-----	361	-----	-----	L-15
6	-----	3	100	18	-----	-----	-----	-----	-----	-----	297	-----	-----	L-17
5	4	3	50	5	-----	-----	-----	-----	-----	-----	97	-----	-----	L-25
-----	-----	3	172	26	-----	-----	-----	-----	-----	-----	519	-----	-----	L-27
12	-----	4	170	27	-----	-----	-----	-----	-----	-----	495	-----	-----	L-29
-----	-----	4	30	8	-----	-----	-----	-----	-----	-----	60	-----	-----	L-31
1	-----	3	83	14	-----	-----	-----	-----	-----	-----	174	-----	-----	L-33
22	-----	2	140	36	-----	-----	-----	-----	-----	-----	422	-----	-----	L-38
-----	-----	3	80	14	-----	-----	-----	-----	-----	-----	224	-----	-----	L-41
-----	-----	3	100	5	-----	-----	-----	-----	-----	-----	96	-----	-----	L-42
1	-----	4	23	7	-----	-----	-----	-----	-----	-----	222	-----	-----	L-44
10	-----	3	82	8	-----	-----	-----	-----	-----	-----	161	-----	-----	L-45
1	3	3	100	8	-----	-----	-----	-----	-----	-----	140	-----	-----	L-46
-----	-----	5	80	15	-----	-----	-----	-----	-----	-----	194	-----	-----	L-47
3	-----	3	85	7	-----	-----	-----	-----	-----	-----	127	-----	-----	L-48
2	2	3	26	2	-----	-----	-----	-----	-----	-----	29	-----	-----	L-49
-----	-----	1	15	-----	-----	-----	-----	-----	-----	-----	-----	61	-----	L-50
65	19	74	97	409	-----	-----	-----	-----	-----	-----	6,381	61	-----	-----

SIXTH DISTRICT.

-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	*3	60	-----	-----	-----	-----	-----	-----	-----	202	-----	-----	*L-1
-----	-----	*3	54	-----	-----	-----	-----	-----	-----	-----	174	-----	-----	*L-1
15	-----	3	200	-----	-----	-----	-----	-----	-----	-----	171	-----	-----	L-8
-----	-----	2	8	-----	25	-----	-----	-----	-----	-----	-----	167	-----	L-9
15	-----	8	107	-----	25	-----	-----	-----	-----	-----	547	167	-----	-----

SIXTH DISTRICT.

16,375	51,120	251	186	-----	-----	-----	97,300	8	14	472,308	-----	-----	-----	S-1
31,003	12,516	462	126	-----	-----	-----	64,700	13	22	390,803	-----	-----	-----	S-2
374	-----	210	161	-----	-----	-----	24,168	5	2	193,343	-----	-----	16	S-3
7,976	204	146	174	693	-----	-----	-----	3	3	99,439	-----	-----	5	S-4
200	498	42	103	163	-----	-----	-----	1	-----	21,478	-----	-----	4	S-5
12,807	-----	514	183	-----	156,550	-----	-----	4	18	414,259	-----	-----	-----	S-6
14,343	-----	469	207	-----	167,500	-----	-----	3	19	514,611	-----	-----	-----	S-7
15,027	-----	460	194	-----	180,300	-----	-----	3	21	544,733	-----	-----	-----	S-8
17,964	-----	617	215	-----	138,550	-----	-----	4	24	631,803	-----	-----	-----	S-9
2,569	227	*134	39	293	-----	400	-----	*4	*2	23,963	-----	-----	7	*S-10
11,353	239	*137	193	1,607	-----	1,500	-----	*4	*2	128,275	-----	-----	7	*S-10
129,991	64,804	3,307	178	2,756	642,900	1,900	186,168	48	125	3,435,015	-----	-----	32	-----

MACOUPIN COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
L-1*	Bauser Coal Mine.....	Bunker Hill.....	3,261	-----	-----	-----	3,071
L-1*	Ed. A. Bauser.....	Bunker Hill.....	360	-----	-----	-----	271
L-2	Roscoe Moore.....	Brighton.....	2,413	-----	-----	-----	2,413
L-5*	A. N. Polli.....	Chesterfield.....	220	-----	-----	-----	220
L-5*	Chesterfield Coal Co.....	Chesterfield.....	75	-----	-----	-----	75
L-9	Lovejoy Coal Co.....	Brighton.....	147	-----	-----	-----	143
L-10	Claude Pitchford.....	Greenfield.....	101	-----	-----	-----	101
	5 local mines total.....	-----	6,577	-----	-----	-----	6,294
	15 all mines total.....	-----	3,441,592	399,570	2,640,180	10,478	196,286

MONTGOMERY COUNTY

SHIPPING MINES.							
S-1	Hillsboro Mining Co.....	Hillsboro.....	70,929	28,557	18,655	-----	15,626
S-2	Indiana & Illinois Coal Corp., No. 10.....	Nokomis.....	82,782	50,726	26,298	-----	5,609
S-3	Nokomis Coal Co.....	Nokomis.....	569,297	372,714	101,442	-----	26,556
	3 shipping mines total.....		723,008	451,997	146,395	-----	47,791

SHELBY COUNTY

LOCAL MINES.							
L-6	Ralph Gallagher, No. 2.....	Mode.....	700	-----	-----	-----	690
L-8	Arch Tallman, No. 1.....	Shelbyville.....	1,410	-----	-----	-----	1,360
L-10	Floyd Anderson.....	Mode.....	509	-----	-----	-----	509
L-15	Ray Kingston, No. 2.....	Shelbyville.....	190	-----	-----	-----	190
L-16	James Cruik, No. 1.....	Shelbyville.....	281	-----	-----	-----	273
L-20	Clifford Smith, No. 1.....	Mode.....	193	-----	-----	-----	180
L-22	J. G. Root, No. 3.....	Shelbyville.....	2,416	-----	-----	-----	2,416
L-30	B. F. Stretch, No. 2.....	Shelbyville.....	783	-----	-----	-----	700
L-32	Smith & Smith.....	Mode.....	1,000	-----	-----	-----	1,000
L-34*	Miller & Brown.....	Mode.....	482	-----	-----	-----	482
L-34*	Foreum's Coal Mine.....	Mode.....	363	-----	-----	-----	363
L-35	Homer Nees & Clyde Bly.....	Mode.....	1,063	-----	-----	-----	1,012
L-37	Ralph Gallagher, No. 3.....	Mode.....	617	-----	-----	-----	617
	12 local mines total.....		10,007	-----	-----	-----	9,792

* Number of employees, mining machines, motors and animals underground averaged account different management of same mine.

SIXTH DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
140	50	*13	158	52	-----	-----	-----	*1	*	3,261	-----	-----	3	*L-1
48	41	*13	15	2	-----	-----	-----	*1	-----	360	-----	-----	3	*L-1
-----	-----	6	90	160	-----	-----	-----	-----	-----	-----	2,413	-----	2	*L-2
-----	-----	*7	54	17	-----	-----	-----	*	*	220	-----	-----	-----	*L-5
-----	-----	*3	35	10	-----	-----	-----	-----	-----	75	-----	-----	-----	*L-5
4	4	4	50	9	-----	-----	-----	-----	-----	147	-----	-----	-----	L-9
-----	-----	3	75	8	-----	-----	-----	-----	-----	101	-----	-----	-----	L-10
192	91	31	95	258	-----	-----	-----	1	-----	3,621	2,956	-----	5	-----
130,183	64,895	3,338	151	3,014	642,900	1,900	186,168	49	125	3,438,636	2,956	-----	37	-----

SIXTH DISTRICT.

6,526	1,565	149	111	-----	14,700	-----	150	2	1	70,929	-----	-----	9	S-1
149	-----	398	32	-----	19,850	-----	350	6	20	82,782	-----	-----	-----	S-2
30,300	38,285	209	221	-----	177,050	-----	6,000	8	17	569,297	-----	-----	-----	S-3
36,975	39,850	756	121	-----	211,600	-----	6,500	16	38	723,008	-----	-----	9	-----

SIXTH DISTRICT.

10	-----	10	60	-----	-----	-----	-----	-----	-----	700	-----	-----	-----	L-6
50	-----	11	195	-----	-----	-----	-----	-----	-----	1,410	-----	-----	-----	L-8
-----	-----	7	60	-----	-----	-----	-----	-----	-----	509	-----	-----	-----	L-10
-----	-----	3	140	-----	-----	-----	-----	-----	-----	190	-----	-----	-----	L-15
8	-----	5	85	-----	-----	-----	-----	-----	-----	281	-----	-----	-----	L-16
8	5	3	90	-----	-----	-----	-----	-----	-----	193	-----	-----	-----	L-20
-----	-----	10	190	-----	-----	-----	-----	-----	-----	2,416	-----	-----	-----	L-22
83	-----	8	45	-----	-----	-----	-----	-----	-----	783	-----	-----	-----	L-30
-----	-----	5	90	-----	-----	-----	-----	-----	-----	1,000	-----	-----	-----	L-32
-----	-----	*7	75	-----	-----	-----	-----	-----	-----	482	-----	-----	-----	*L-34
-----	-----	*6	90	-----	-----	-----	-----	-----	-----	363	-----	-----	-----	*L-34
39	12	7	169	-----	-----	-----	-----	-----	-----	1,063	-----	-----	-----	L-35
-----	-----	8	32	-----	-----	-----	-----	-----	-----	617	-----	-----	-----	L-37
198	17	84	114	-----	-----	-----	-----	-----	-----	10,007	-----	-----	-----	-----

SIXTH DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Macoupin.....	10	3,435,015	399,570	2,640,180	10,478	189,992	129,991	64,804
Montgomery.....	3	723,008	451,997	146,395	-----	47,791	36,975	39,850
Total.....	13	4,158,023	851,567	2,786,575	10,478	237,783	166,966	104,654

LOCAL

Greene.....	22	6,442	-----	-----	-----	6,358	65	19
Jersey.....	3	714	-----	-----	-----	699	15	-----
Macoupin.....	5	6,577	-----	-----	-----	6,294	192	91
Shelby.....	12	10,007	-----	-----	-----	9,792	198	17
Total.....	42	23,740	-----	-----	-----	23,143	470	127

ALL

Greene.....	22	6,442	-----	-----	-----	6,358	65	19
Jersey.....	3	714	-----	-----	-----	699	15	-----
Macoupin.....	15	3,441,592	399,570	2,640,180	10,478	196,286	130,183	64,895
Montgomery.....	3	723,008	451,997	146,395	-----	47,791	36,975	39,850
Shelby.....	12	10,007	-----	-----	-----	9,792	198	17
Total.....	55	4,181,763	851,567	2,786,575	10,478	260,926	167,436	104,781

RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.			Machine.	Hand.	Stripping.	
3,307	178	2,756	642,900	1,900	186,168	48	125	3,435,015	-----	-----	32
756	121	-----	211,600	-----	6,500	16	38	723,008	-----	-----	9
4,063	165	2,756	854,500	1,900	192,668	64	163	4,158,023	-----	-----	41

MINES.

74	97	409	-----	-----	-----	-----	-----	-----	6,381	61	-----
8	107	-----	25	-----	-----	-----	-----	-----	547	167	-----
31	95	258	-----	-----	-----	1	-----	3,621	2,956	-----	5
84	114	-----	-----	-----	-----	-----	-----	-----	10,007	-----	-----
197	102	667	25	-----	-----	1	-----	3,621	19,891	228	5

MINES.

74	97	409	-----	-----	-----	-----	-----	-----	6,381	61	-----
8	107	-----	25	-----	-----	-----	-----	-----	547	167	-----
3,338	151	3,014	642,900	1,900	186,168	49	125	3,438,636	2,956	-----	37
756	121	-----	211,600	-----	6,500	16	21	723,008	-----	-----	9
84	114	-----	-----	-----	-----	-----	-----	-----	10,007	-----	-----
4,260	117	3,423	854,525	1,900	192,668	65	163	4,161,644	19,891	228	46

SEVENTH DISTRICT

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Seventh Inspection District, comprising the coal producing counties of Bond, Crawford, Jasper, Madison and Richland for the year ending December 31, 1939.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,

BENN PITTS, *Inspector.*

SEVENTH DISTRICT.

	1939	1938	1937	1936	1935
Number of counties producing coal.....	5	5	5	5	5
Number of shipping mines.....	8	9	9	9	10
Number of local mines.....	19	20	25	34	37
Number of employees underground.....	1,786	2,000	2,141	2,288	2,378
Number of employees on surface.....	386	413	398	418	442
Total number employed.....	2,172	2,413	2,539	2,706	2,820
Tons of coal produced in shipping mines.....	1,829,989	1,294,683	1,664,691	1,983,234	1,801,301
Tons of coal produced in local mines.....	335,694	338,001	365,231	369,604	328,147
Tons of coal produced, total.....	2,165,683	1,632,684	2,029,922	2,352,838	2,129,448
Days operated, shipping mines, average.....	172	113	134	161	132
Days operated, local mines, average.....	150	153	138	121	118
Number of undercutting machines.....	69	88	87	85	85
Tons undercut.....	2,114,865	1,617,361	1,995,659	2,271,074	2,025,932
Tons mined by hand.....	49,918	15,232	34,263	81,764	93,231
Tons mined in strip mines.....	900	—	—	—	10,265
Number of loading machines used.....	56	69	81	79	68
Tons loaded mechanically.....	1,408,283	1,050,944	1,293,486	1,384,060	1,155,354
Number of fatal accidents.....	4	7	5	3	7
Number of non-fatal accidents.....	181	173	186	234	174
Number of employees to each fatality.....	543	345	508	902	403
Number employed to each non-fatal accident.....	12	13.9	13.6	11.6	16.2
Tons of coal mined to each fatality.....	541,420	233,241	405,984	784,279	304,207
Tons mined to each non-fatal accident.....	11,965	9,437	10,914	10,055	12,238
Number of fatalities per 1,000 employed.....	1.8	2.9	1.9	1.1	2.5
Number injured per 1,000 employed.....	83.3	71.7	73.3	86.3	61.7

IDLE MINES.

Odin Coal Co., Marion County.
Henrietta Coal Co., H. T., Edwardsville, Madison County.
Lumaghi Coal Co. No. 3, Collinsville, Madison County.
Madison Coal Corp. No. 2, Glen Carbon, Madison County.

FATAL ACCIDENTS.

March 11, John Snell, cleanup man, aged 58 years, married, killed by fall of rock in mine No. 2 of the Mt. Olive & Staunton Coal Co., leaving wife.

July 19, John Novac, motorman, aged 41 years, married, killed by falling from motor in mine No. 1 of the Illinois-Pocahontas Coal Co., leaving wife and one dependent child.

September 1, George Slifka, motorman, aged 35 years, married, crushed by motor in mine No. 1 of the Livingston-Mt. Olive Coal Co., leaving wife and four dependent children.

October 6, George Kopuster, Jr., miner, aged 31 years, single, killed by fall of rock in Livingston-Mt. Olive Coal Co. mine No. 1, leaving no dependents.

FATAL ACCIDENTS—SEVENTH DISTRICT, 1939.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Mar. 11	Mar. 11	John Snell.	58	Cleanup man.	Staunton.	Mt. Olive & Staunton Coal Co.	2	1	1	1	1	1	1 Fall of slate.
July 19	July 19	John Nye.	41	Motorman.	Pocahontas.	Illinois-Pocahontas Coal Co.	1	1	1	1	1	1	2 Fell from motor.
Sept. 1	Sept. 1	George Slifen.	35	Motorman.	Livingston.	Livingston-Mt. Olive Coal Co.	1	1	1	1	1	4	5 Crushed by motor.
Oct. 6	Oct. 6	George Kopster, Jr.	31	Miner.	Livingston.	Livingston-Mt. Olive Coal Co.	1	1	1	1	1	1	Fall of rock.

BOND COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
S-1	Illinois-Pocahontas Coal Co.....	Pocahontas.....	103,583	41,584	24,518	-----	32,703

CRAWFORD COUNTY

LOCAL MINES.							
L-2	Ray Blair	Palesvine	1,486	-----	-----	-----	1,409
L-5	Snyder Coal Co.	Palestine.....	900	-----	-----	-----	900
	2 local mines total.....	-----	2,386	-----	-----	-----	2,309

JASPER COUNTY

LOCAL MINES.							
L-2	Andrew Brown	Newton	624	-----	-----	-----	622

MADISON COUNTY

SHIPPING MINES.							
S-1	Burn-Well Coal Co.	Collinsville....	25,760	2,512	-----	-----	23,065
S-2	Chicopee Coal Co.	Troy	58,664	1,415	-----	-----	48,244
S-3	Livingston-Mt. Olive Coal Co..	Livingston.....	200,047	88,742	39,566	-----	58,938
S-4	Lumaghi Coal Co., No. 2	Collinsville....	376,429	138,020	32,782	-----	159,680
S-5	Madison County Coal & Mining Co.	Edwardsville....	207,529	200,929	-----	-----	-----
S-6	Mt. Olive & Staunton Coal Co.	Staunton	675,947	391,709	237,442	-----	23,761
	6 shipping mines total.....	-----	1,544,376	823,327	309,790	-----	313,688

* Number of employees, mining machines, motors and animals underground averaged account different management of same mine.

SEVENTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
4,778	-----	122	154	-----	34,000	800	-----	5	2	103,583	-----	-----	9	S-1

SEVENTH DISTRICT.

-----	77	4	197	-----	2,500	-----	-----	-----	-----	-----	1,486	-----	-----	L-2
-----	-----	3	60	-----	-----	-----	-----	-----	-----	-----	-----	900	-----	L-5
-----	77	7	129	-----	2,500	-----	-----	-----	-----	-----	1,486	900	-----	-----

SEVENTH DISTRICT.

2	-----	6	70	-----	1,050	-----	-----	-----	-----	-----	624	-----	-----	L-2
---	-------	---	----	-------	-------	-------	-------	-------	-------	-------	-----	-------	-------	-----

SEVENTH DISTRICT.

183	-----	57	137	234	75	-----	-----	2	-----	25,760	-----	-----	7	S-1
4,000	5,005	113	92	-----	9,875	500	-----	4	2	58,664	-----	-----	9	S-2
10,801	2,000	208	220	1,279	-----	250	-----	11	10	200,047	-----	-----	-----	S-3
10,965	34,982	370	159	210	99,350	-----	-----	10	20	376,429	-----	-----	2	S-4
3,100	3,500	163	190	-----	100,000	700	-----	5	11	207,520	-----	-----	-----	S-5
28,035	-----	475	240	2,795	-----	475	36,550	12	11	675,947	-----	-----	23	S-6
52,084	45,487	1,386	173	4,518	209,300	1,925	36,550	44	54	1,544,376	-----	-----	41	-----

MADISON COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	LOCAL MINES.						
L-1	Collinsville Coal Corp.....	Collinsville.....	68,782				66,250
L-2	Sugar Loaf Coal Corp.....	Collinsville.....	54,054				44,380
L-3	Glen Carbon Coal Co.....	Collinsville.....	57,647				52,236
L-4	Bunker Hill Coal & Mining Co.	Collinsville.....	31,205				28,218
L-7	Sunset Hill Coal Co.....	Edwardsville.....	44,502				41,568
L-8	East Side Coal Co.....	Edwardsville.....	8,562				7,952
L-9	Klondike Coal Co.....	Worden.....	3,753				3,417
L-10	Truck Trade Coal Co.....	Edwardsville.....	50,000				41,374
L-11	Wm. H. Wilkenning.....	Moro.....	1,945				1,945
L-14	Hillside Coal Co.....	Bethalto.....	2,057				2,047
L-16	Gerdt Coal Co.....	Godfrey.....	148				142
L-19	Seven Hills Coal Co.....	Alton.....	415				365
L-21	Coalfax Coal Co.....	Moro.....	891				870
L-24	Sunrise Coal Co.....	Bethalto.....	1,629				1,629
L-29	Ernest H. Rink.....	Bethalto.....	114				108
L-36	Prairietown Coal Co.....	Worden.....	6,980				6,498
	16 local mines total.....		332,684				298,999
	22 all mines total.....		1,877,060	823,327	309,790		612,687

MARION COUNTY

SHIPPING MINES.							
S-1	Marion County Coal Co.....	Centralia.....	182,030	84,722	28,641	-----	43,105

EIGHTH DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
2,400	132	77	229	10,500				3		68,782			7	L-1
1,318	8,356	74	135	348				4	1	54,054			5	L-2
3,511	1,900	50	239	483				2		57,647			5	L-3
687	2,300	51	178	250					1		31,205		6	L-4
1,103	1,831	37	223	595				2	1	44,502			3	L-7
500	110	23	156	77				1		8,562			2	L-8
336		13	95	150							3,753			L-9
1,800	6,826	52	260	20	1,000			2	2	50,000				L-10
		5	150	45							1,945			L-11
10		8	129	60							2,057			L-14
6		3	109	10							148			L-16
50		4	81	93							415			L-19
21		7	175	34							891			L-21
		9	133	50				1		1,329				L-24
3	3	3	50	4							114			L-29
482		14	175	66							6,980			L-36
12,227	21,458	430	157	2,285	11,500			15	5	284,876	47,808		28	
64,311	66,945	1,816	162	6,803	220,800	1,925	36,550	59	59	1,829,252	47,808		69	

SEVENTH DISTRICT.

7,520	18,042	221	183				37,000	5	4	182,030			17	S-1
-------	--------	-----	-----	--	--	--	--------	---	---	---------	--	--	----	-----

SEVENTH DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for ship- ment.	Sold to railroad com- panies.	Supplied to loco- motives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Bond.....	1	103,583	41,584	24,518	-----	32,703	4,778	-----
Madison.....	6	1,544,376	823,327	309,790	-----	313,688	52,084	45,487
Marion.....	1	182,030	84,722	28,641	-----	43,105	7,520	18,042
Total.....	8	1,829,989	949,633	362,949	-----	389,496	64,382	63,529

LOCAL

Crawford.....	2	2,386	-----	-----	-----	2,309	-----	77
Jasper.....	1	624	-----	-----	-----	622	2	-----
Madison.....	16	332,684	-----	-----	-----	298,999	12,227	21,458
Total.....	19	335,694	-----	-----	-----	301,930	12,229	21,535

ALL

Bond.....	1	103,583	41,584	24,518	-----	32,703	4,778	-----
Crawford.....	2	2,386	-----	-----	-----	2,309	-----	77
Jasper.....	1	624	-----	-----	-----	622	2	-----
Madison.....	22	1,877,060	823,327	309,790	-----	612,687	64,311	66,945
Marion.....	1	182,030	84,722	28,641	-----	43,105	7,520	18,042
Total.....	27	2,165,683	949,633	362,949	-----	691,426	76,611	85,064

RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.			Machine.	Hand.	Stripping.	
122	154	-----	34,000	800	-----	5	2	103,583	-----	-----	9
1,386	173	4,518	209,300	1,925	36,550	44	54	1,544,376	-----	-----	41
221	183	-----	-----	-----	37,000	5	4	182,030	-----	-----	17
1,729	172	4,518	243,300	2,725	73,550	54	60	1,829,989	-----	-----	67

MINES.

7	129	-----	2,500	-----	-----	-----	-----	-----	1,486	900	-----
6	70	-----	1,050	-----	-----	-----	-----	-----	624	-----	-----
430	157	2,285	11,500	-----	-----	15	5	284,876	47,808	-----	28
443	150	2,285	15,050	-----	-----	15	5	284,876	49,918	900	28

MINES.

122	154	-----	34,000	800	-----	5	2	103,583	-----	-----	9
7	129	-----	2,500	-----	-----	-----	-----	-----	1,486	900	-----
6	70	-----	1,050	-----	-----	-----	-----	-----	624	-----	-----
1,816	162	6,803	220,800	1,925	36,550	59	59	1,829,252	47,808	-----	69
221	183	-----	-----	-----	37,000	5	4	182,030	-----	-----	17
2,172	156	6,803	258,350	2,725	73,550	69	65	2,114,865	49,918	900	95

EIGHTH DISTRICT

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Eighth Inspection District comprising the coal producing counties of Clinton, Monroe and St. Clair for the year ending December 31, 1939.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,

DAVID T. STUART, *Inspector.*

EIGHTH DISTRICT.

	1939	1938	1937	1936	1935
Number of counties producing coal.....	3	3	3	3	3
Number of shipping mines.....	18	19	23	24	25
Number of local mines.....	42	43	42	44	46
Number of employees underground.....	2,247	2,714	3,094	3,381	3,148
Number of employees on surface.....	605	586	627	624	549
Total number employed.....	2,852	3,300	3,721	4,005	3,697
Tons of coal produced in shipping mines.....	1,585,988	1,734,035	2,274,181	2,583,506	2,262,668
Tons of coal produced in local mines.....	972,199	669,141	688,158	662,456	477,639
Tons of coal produced, total.....	2,558,187	2,403,174	2,962,339	3,245,962	2,740,307
Days operated, shipping mines, average.....	116	125	143	153	138
Days operated, local mines, average.....	137	139	142	144	130
Number of undercutting machines.....	40	56	57	70	67
Tons undercut.....	1,135,308	1,161,534	1,347,201	1,402,407	1,197,285
Tons mined by hand.....	622,483	765,282	1,161,155	1,421,215	1,417,212
Tons mined in strip mines.....	800,396	476,358	453,983	422,340	125,810
Number of loading machines used.....	35	42	51	52	53
Tons loaded mechanically.....	979,328	1,044,589	1,191,350	1,118,868	769,879
Number of fatal accidents.....	3	9	8	5	5
Number of non-fatal accidents.....	114	119	139	164	158
Number of employees to each fatality.....	951	367	465	801	739
Number employed to each non-fatal accident.....	25	27.7	26.8	24.4	23.4
Tons of coal mined to each fatality.....	852,729	267,019	370,292	649,192	548,061
Tons mined to each non-fatal accident.....	22,440	20,195	21,312	19,793	17,344
Number of fatalities per 1,000 employed.....	.1	2.7	2.2	1.3	1.3
Number injured per 1,000 employed.....	40	36.1	37.4	41.0	42.7

IDLE MINES.

Southern Coal, Coke & Mining Co. No. 1, St. Clair County.
Southern Coal, Coke & Mining Co. No. 6, St. Clair County.

CHANGE OF NAME.

Southern Coal, Coke & Mining Co. No. 7 to North Side Coal Co.,
St. Clair County.

CHANGED TO LOCAL MINES.

North Side Coal Co., St. Clair County.

CHANGED FROM LOCAL TO SHIPPING MINE.

Freeburg Coal Co., Freeburg, St. Clair County.

FATAL ACCIDENTS.

May 2, Edwin W. Lind, loading machine helper, aged 40 years, married, killed by fall of rib coal in St. Ellen mine of the Perry Coal Co., leaving widow.

July 17, John Gibson Gray, mine manager, aged 49 years, married, asphyxiated by carbon dioxide gas in mine of Vinegar Hill Coal Co., leaving widow.

September 7, Henry Warning, miner, aged 64 years, single, killed by fall of top coal in Nigger Hollow No. 2 mine of the St. Louis & O'Fallon Coal Co., leaving no dependents.

FATAL ACCIDENTS—EIGHTH DISTRICT, 1939.

Data of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
May 2	May 2	Edwin W. Lind.....	40	Loading machine helper.....	Lebanon.....	Perry Coal Co.....	St. Ellen	1	1	1	1	1	Fall of rib coal.
July 17	July 17	John Gibson Gray.....	49	Mine manager.....	Mascoutah.....	Vinegar Hill Coal Co.....		1	1	1	1	1	Asphyxiation.
Sept. 7	Sept. 7	Henry Warring.....	64	Miner.....	East St. Louis.....	St. Louis & O'Fallon Coal Co.....	2	1	1	1	1	1	Fall of top coal.

NON-FATAL ACCIDENTS—EIGHTH DISTRICT.

Name of operator.	Number injured.	Number not returned.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.		Month in which accident occurred.	
			Total.	Average.	Number injured.	Days lost.		Number injured.	Month.	Number injured.
						Total.	Average.			
Beckemeyer Coal Co.	7	1	108	18	6	108	18	2	January	16
Citizens Coal Co.	3	—	115	38	1	20	20	2	February	18
Golden Rule Coal Co.	6	—	122	20	4	52	13	2	March	10
Groom Coal Co.	2	—	96	48	1	11	11	1	April	8
Gundlach Coal Co.	7	1	210	35	3	50	17	3	May	5
Leinzburg Coal Co.	7	—	110	16	6	80	13	1	June	4
Mulberry Hill Coal Co.	3	1	42	21	1	7	7	1	July	1
Perry Coal Co.	15	1	442	32	6	105	18	8	August	5
Prairie Coal Co.	2	—	27	14	2	27	14	1	September	12
St. Louis & O'Fallon Coal Co., No. 2.	16	5	562	54	2	36	18	9	October	9
Service Coal Co.	3	—	59	20	2	18	9	1	November	12
Southern Coal, Coke & Mining Co., No. 7.	1	—	14	14	1	14	14	—	December	14
United Electric Coal Cos., No. 13.	5	1	70	14	3	40	13	1		114
Vinegar Hill Coal Co.	2	—	24	12	2	24	12	—		
White Coal Co.	6	—	87	15	6	87	15	—		
Shipping Mines.	85	10	2,118	28	46	679	15	29		50
Local Mines.	29	7	493	22	17	277	16	5		43
Total.	114	17	2,611	27	63	956	15	34		49

CLINTON COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	SHIPPING MINES.						
S-1	Beckemeyer Coal Co.-----	Beckemeyer----	56,293	3,571	-----	-----	49,960
S-2	Citizens Coal Co.-----	Breese.-----	44,478	5,990	-----	-----	36,307
	2 shipping mines total.-----	-----	100,771	9,561	-----	-----	86,267

MONROE COUNTY

LOCAL MINES.							
L-1	Wm. Puckett.....	Columbia.....	120	-----	-----	-----	120

ST. CLAIR COUNTY

SHIPPING MINES.							
S-3	Golden Rule Coal Co.....	Lenzburg.....	58,403	34,137	21,591	-----	1,204
S-4	Groom Coal Co.....	Belleville.....	40,750	11,459	-----	7,771	19,720
S-5	Gundlach Coal Co.....	East St. Louis.....	174,315	95,848	31,772	-----	46,637
S-6	Lenzburg Coal Co.....	Lenzburg.....	33,031	30,621	1,700	-----	340
S-7	Mulberry Hill Coal Co.....	Freeburg.....	77,679	20,336	20,418	-----	30,665
S-8	Marissa Coal Co.....	Marissa.....	15,594	11,903	1,858	-----	872
S-10	Perry Coal Co., St. Ellen.....	O'Fallon.....	267,818	29,039	9,119	-----	226,065
S-11	Prairie Coal Co.....	Belleville.....	69,726	20,052	-----	-----	46,674
S-13	St. Louis & O'Fallon Coal Co., No. 2.....	East St. Louis.....	386,991	147,347	211,009	1,524	2,174
S-14	Service Coal & Mining Co.....	Belleville.....	33,499	668	-----	-----	30,436
S-17	Southern Coal, Coke & Mining Co., No. 7.....	Belleville.....	6,299	353	-----	-----	5,518
S-18	United Electric Coal Cos., No. 13.....	Freeburg.....	230,508	24,191	34,944	-----	170,068
S-19	Vinegar Hill Coal Co.....	Lenzburg.....	57,335	52,722	-----	-----	1,291
S-20	White Coal Co.....	Belleville.....	28,776	2,120	105	-----	25,251
S-21	Mascoutah Coal & Mining Co.....	Mascoutah.....	3,724	94	-----	-----	3,256
L-52	Freeburg Coal Co.....	Freeburg.....	769	584	-----	-----	150
	16 shipping mines total.....	-----	1,485,217	481,474	332,516	9,295	610,321

* Number of employees, mining machines, motors and animals underground averaged account different management of same mine.

EIGHTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
2,762	-----	106	124	-----	-----	-----	7,300	4	2	56,293	-----	-----	5	Z-1
2,181	-----	114	98	617	-----	200	-----	4	3	44,478	-----	-----	1	Z-2
4,943	-----	220	111	617	-----	200	7,300	8	5	100,771	-----	-----	6	-----

EIGHTH DISTRICT.

-----	-----	3	40	-----	150	-----	-----	-----	-----	-----	120	-----	-----	L-1
-------	-------	---	----	-------	-----	-------	-------	-------	-------	-------	-----	-------	-------	-----

EIGHTH DISTRICT.

1,025	446	52	148	2,154	750	100	-----	2	-----	58,403	-----	4	Z-3	
1,800	-----	80	100	-----	35,000	-----	-----	2	3	40,750	-----	6	Z-4	
-----	58	124	175	-----	88,200	300	-----	7	4	174,315	-----	13	Z-5	
200	170	49	101	-----	32,000	-----	-----	-----	1	-----	33,031	-----	2	Z-6
2,525	3,735	78	134	534	20,100	100	-----	2	2	58,289	19,390	8	Z-7	
810	151	34	81	501	-----	-----	-----	-----	1	-----	15,594	-----	2	Z-8
3,595	-----	322	200	-----	53,600	-----	-----	6	14	267,818	-----	-----	-----	Z-10
3,000	-----	161	83	-----	66,725	-----	-----	-----	3	-----	69,726	-----	10	Z-11
14,025	10,912	334	243	-----	165,150	80	-----	2	12	386,991	-----	2	Z-13	
952	1,443	64	148	1,261	3,600	50	-----	-----	2	-----	33,499	-----	3	Z-14
428	-----	140	7	136	3,500	25	-----	-----	3	-----	6,299	-----	22	Z-17
1,305	-----	64	154	-----	28,650	5,100	-----	-----	-----	-----	-----	230,508	-----	Z-18
1,995	1,327	30	123	2,628	-----	-----	-----	-----	1	-----	57,335	-----	-----	Z-19
700	600	67	131	-----	11,500	-----	-----	2	2	28,776	-----	4	Z-20	
374	-----	46	15	186	-----	-----	-----	-----	1	-----	3,724	-----	3	Z-21
35	-----	11	30	35	-----	-----	-----	-----	1	-----	769	-----	3	L-52
32,769	18,842	1,656	117	7,435	508,775	5,755	-----	21	52	956,939	297,770	230,508	82	-----

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
L-1	F. C. Morgan Coal Co., No. 3.	Millstadt.	60,008				60,008
L-3	Pep Coal Co.	New Athens.	32,415				29,534
L-4	C. R. Luster & Son.	Millstadt.	3,973				3,973
L-5	F. C. Morgan Coal Co., No. 4.	Millstadt.	72,009				72,009
L-6*	G. E. Mine.	Belleville.	1,550				1,500
L-6*	New Royal Coal Co.	Belleville.	23,336				23,036
L-7	Schubert Coal Co.	Mascoutah.	33,784				33,724
L-8	Guest Coal Co., Oak Hill.	Belleville.	8,494				8,179
L-9	White Rose Coal Co.	Belleville.	25,000				24,570
L-10*	Bell-Heat Coal Co.	Belleville.	9,564				9,514
L-10*	New Bell Heat Coal Co.	Belleville.	2,353				1,978
L-11	Wildwood Coal Co.	Freeburg.	18,968				18,168
L-12	Crown Coal Co.	Freeburg.	12,638				12,052
L-13	Tower Grove Mine No. 1.	Belleville.	17,724				16,824
L-13*	West Side Mine.	Marissa.	5,815				5,440
L-15*	West Side Co-operative Mine.	Marissa.	14,074				13,599
L-16	New St. Clair Coal Co.	Caseyville.	12,082				11,738
L-17	Edgemont Coal Co.	Belleville.	9,724				9,619
L-18	Midway Coal Co.	Freeburg.	8,227				7,747
L-20*	Travis Coal Co.	Belleville.	2,216				2,010
L-20*	Bunker Hill Mine.	Belleville.	4,076				3,663
L-21	Newwirth Coal Co., No. 1.	Freeburg.	7,052				6,544
L-22	Fullerton Coal Co.	Belleville.	11,793				11,138
L-23	East Side Coal Co.	Freeburg.	6,012				5,834
L-24	Hill Coal Co.	Freeburg.	4,053				3,053
S-25	New National Coal & Mining Co.	Belleville.	24,754				24,709
L-26	New Athens Coal & Mining Co.	New Athens.	3,282				3,198
L-27	Summit Coal & Mining Co.	Belleville.	10,382				8,520
L-28	A. B. & H. Coal Co.	Caseyville.	14,233				14,233
L-29	Reinheimer Slope Mine.	Freeburg.	809				663
L-30	F. C. Morgan Coal Co., No. 2.	Millstadt.	108,013				108,013
L-32*	Lill Coal Co.	Millstadt.	2,502				2,194
L-32*	Lill Coal Co.	Millstadt.	90				70
L-33	Ace High Coal Co.	Freeburg.	3,134				3,134
L-34	New Devils Hole Coal Mine.	Caseyville.	9,758				8,658
L-35	Woodland Coal Co.	Caseyville.	1,855				1,815
L-36	Dewey Coal & Mining Co.	Belleville.	18,084				15,674
L-37	Turkey Hill Coal Co.	Belleville.	9,952				8,747
L-40	Wilbert Grossman.	Smithton.	610				610
L-41	Sugar Creek Coal Corp.	Freeburg.	1,655				1,655
L-43	Emil Sporleder Coal Service.	Belleville.	1,119				1,109
L-68	Purity Coal Co.	Belleville.	14,503				13,303
L-70	Belle Valley Coal Co.	Belleville.	9,351				9,351
L-71	Midwest Smokeless Fuel Corp.	Millstadt.	325,275				306,811
L-73	Shiloh Valley Coal Co.	Belleville.	249				224
S-16	North Side Coal Co., Muren.	Belleville.	5,529				4,437
41 local mines total.			972,079				932,582
57 all mines total.			2,457,296	481,474	332,516	9,295	1,542,903

* Number of employees, mining machines, motors and animals underground averaged account different management of same mine.

† Carbonized.

EIGHTH DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
1,000	1,881	15	129			4,000						60,008		L-1
		33	192	1,457					1		32,415		2	L-3
		6	48									3,973		L-4
		18	196			6,000						72,009		L-5
50		*56	9	62					*2		1,550			*L-6
300		*57	124	1,270					*1		23,336			*L-6
60		45	244	1,290					1		33,784			L-7
315		53	48	66				3	1	8,494				L-8
30	400	50	141	1,075							25,000			L-9
50		*30	53	175				*1	*1	9,564				*L-10
20	355	*29	22	65				*1	*1	192				*L-10
580	800	34	138	668							2,161			L-11
900		12	90	588							18,968			L-12
75	300	*28	29		6,000						17,724			L-13
375	100	*31	77		14,500						5,815			*L-15
344		30	87	110				2		12,082				L-16
55	50	30	78	650					1		9,724			L-17
480		14	134	410				1	1	8,227				L-18
		*12	70	73							2,216			*L-20
8	413	*12	85	136							4,076			*L-20
655	500	6	170	279							7,052			L-21
178		29	146	568							11,793			L-22
45	1,000	12	137	295							6,012			L-23
84		5	172		5,350						4,053			L-24
429	1,433	57	73		5,491	150		2	1	24,754				S-25
146		30	87	348							3,282			L-26
		14	227		1,900			1		14,233				L-27
		2	84	35							10,382			L-28
233	75	27	198			9,000					809			L-29
20		*9	140		2,400							108,013		L-30
		*4	6		150						2,502			*L-32
500	600	4	180	120							90			*L-32
40		4	140	175							3,134			L-33
36	2,374	26	200	1,900							9,758			L-34
715	490	4	140	175							1,855			L-35
		55	101	590					1		18,084			L-36
		12	200	262	1,700						9,952			L-37
		2	240									610		L-40
		4	55	170				1		52				L-41
10		3	173	64							1,119			L-43
1,200		14	187	680							14,503			L-68
		12	140	375							9,351			L-70
†16,944	1,520	60	255		8,763	84,174	1,500					325,275		L-71
25		5	18	18							249			L-73
183	909	80	27	300		25			2		5,529		5	S-16
26,091	13,406	973	140	13,108	48,154	103,324	1,500	11	11	77,598	324,593	569,888	78	
58,860	32,248	2,629	133	20,543	556,929	109,079	1,500	32	63	1,034,537	622,363	800,396	160	

EIGHTH DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Clinton-----	2	100,771	9,561	-----	-----	86,267	4,943	-----
St. Clair-----	16	1,485,217	481,474	332,516	9,295	610,321	32,769	18,842
Total-----	18	1,585,988	491,035	332,516	9,295	696,588	37,712	18,842

LOCAL

Monroe-----	1	120	-----	-----	-----	120	-----	-----
St. Clair-----	41	972,079	-----	-----	-----	932,552	26,091	13,406
Total-----	42	972,199	-----	-----	-----	932,702	26,091	13,406

ALL

Clinton-----	2	100,771	9,561	-----	-----	86,267	4,943	-----
Monroe-----	1	120	-----	-----	-----	120	-----	-----
St. Clair-----	57	2,457,296	481,474	332,516	9,295	1,542,903	58,860	32,243
Total-----	60	2,558,187	491,035	332,516	9,295	1,629,290	63,803	32,243

RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.			Machine.	Hand.	Stripping.	
220	111	617	-----	200	7,300	8	5	100,771	-----	-----	6
1,656	117	7,435	508,775	5,755	-----	21	52	956,939	297,770	230,508	82
1,876	116	8,052	508,775	5,955	7,300	29	57	1,057,710	297,770	230,508	88

MINES.

3	40	-----	150	-----	-----	-----	-----	120	-----	-----	-----
973	140	13,108	48,154	103,324	1,500	11	11	77,598	324,533	569,888	78
976	137	13,108	48,304	103,324	1,500	11	11	77,598	324,713	569,888	78

MINES.

220	111	617	-----	200	7,300	8	5	100,771	-----	-----	6
3	40	-----	150	-----	-----	-----	-----	120	-----	-----	-----
2,629	133	20,543	556,929	109,079	1,500	32	63	1,034,537	622,363	800,396	160
2,852	131	21,160	557,079	109,279	8,800	40	68	1,135,308	622,483	800,396	166

NINTH DISTRICT

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Ninth Inspection District, comprising the coal producing counties of Jackson, Perry, Randolph and Washington for the year ending December 31, 1939.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,

LEONARD FORESTER, *Inspector.*

NINTH DISTRICT.

	1939	1938	1937	1936	1935
Number of counties producing coal.....	4	4	4	4	4
Number of shipping mines.....	24	24	26	26	35
Number of local mines.....	45	45	42	62	49
Number of employees underground.....	2,290	2,268	2,559	2,648	3,012
Number of employees on surface.....	1,533	1,530	1,573	1,652	1,665
Total number employed.....	3,823	3,798	4,132	4,300	4,677
Tons of coal produced in shipping mines.....	6,256,825	5,470,523	7,094,631	6,044,840	5,473,191
Tons of coal produced in local mines.....	207,958	199,939	224,648	181,588	141,541
Tons of coal produced, total.....	6,464,783	5,670,462	7,319,279	6,226,428	5,614,732
Days operated, shipping mines, average.....	147	133	151	132	111
Days operated, local mines, average.....	126	134	161	110	147
Number of undercutting machines.....	94	90	101	112	121
Tons undercut.....	2,413,077	1,912,737	2,817,986	2,716,367	2,169,659
Tons mined by hand.....	249,094	201,237	273,934	317,369	315,018
Tons mined in strip mines.....	3,802,612	3,556,488	4,227,359	3,192,692	3,130,055
Number of loading machines used.....	73	61	65	79	64
Tons loaded mechanically.....	2,134,451	1,597,572	2,068,859	553,298	1,082,133
Number of fatal accidents.....	7	8	5	19	5
Number of non-fatal accidents.....	196	208	251	204	234
Number of employees to each fatality.....	546	475	826	226	935
Number employed to each non-fatal accident.....	19.5	18.3	16.5	21.2	19.9
Tons of coal mined to each fatality.....	923,540	708,808	1,463,856	327,707	1,122,946
Tons mined to each non-fatal accident.....	32,984	27,262	29,160	30,522	23,994
Number of fatalities per 1,000 employed.....	1.8	2.1	1.2	4.4	1.1
Number injured per 1,000 employed.....	51.3	54.8	60.7	47.4	50.0

FATAL ACCIDENTS.

January 27, Joseph Powers, cutting machine operator, aged 60 years, married, electrocuted in Kathleen mine of the Union Colliery Co., leaving widow.

February 22, David Wallace, Sr., cleanup man, aged 62 years, married, killed by fall of rock in Kathleen mine of the Union Colliery Co., leaving widow.

June 21, Vernie Wieman, top laborer, aged 28 years, married, killed by railroad cars at mine No. 5 of the Pinckneyville Mining Co., leaving widow and one child.

August 29, Michele Cerutti, timberman, aged 65 years, married, killed by fall of slate in mine No. 5 of the Centralia Coal Co., leaving widow and two dependent children.

September 26, Henry Salger, loading machine helper, aged 49 years, married, killed by fall of clod in Florida mine of the St. Louis Coal Co., leaving widow and one child.

October 17, Lee Roy Isaacs, a cleanup man, aged 49 years, married, killed by fall of coal in Kathleen mine of the Union Colliery Co., leaving widow and two children.

December 5, Joe Brandon, shift leader, aged 49 years, married, killed by runaway car down slope, in mine No. 2 of Moffat Coal Co., leaving widow and one child.

FATAL ACCIDENTS—NINTH DISTRICT, 1939.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Jan. 27, 1935	Jan. 27	Joseph Powers.	60	Machine-operator	Elkville	Union Colliery Co.	Kathleen	1	1	1	1	1	Electrocution.
Oct. 31	Feb. 22	David Wallace, Sr.	62	Cleanup man	Dowell	Union Colliery Co.	Kathleen	1	1	1	1	1	Fall of slate.
June 21	June 21	Vernie Wieman.	28	Top laborer	Pinckneyville	Pinckneyville Mining Co.	5	1	1	1	1	2	Railroad cars.
Aug. 29	Aug. 29	Michele Geruth.	65	Timberman	Centralia	Centralia Coal Co.	5	1	1	1	1	2	Fall of rock.
Sept. 26	Sept. 26	Henry Salger	49	Loading machine helper	Willisville	St. Louis Coal Co.	Florida	1	1	1	1	1	Fall of clod.
Oct. 17	Oct. 17	Lee Roy Isaacs	49	Cleanup man	DuQuoin	Union Colliery Co.	Kathleen	1	1	1	1	2	Fall of face coal.
Dec. 5	Dec. 5	Joe Brandon	49	Shift leader	Sparta	Moffat Coal Co.	2	1	1	1	1	2	Runaway car down slope.

NON-FATAL ACCIDENTS—NINTH DISTRICT.

Name of operator.	Number injured.	Number not returned.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.		Month in which accident occurred.	
			Total.	Average.	Number injured.	Days lost.		Number injured.	Month.	
						Total.	Average.			
Beaucourt Coal Co.	1	1	35	35	4	49	1	35	January	18
Bois Coal Co.	5	2	49	23	2	38	12	30	February	18
C. & R. Coal Co.	5	2	68	23	2	38	19	30	March	21
Centralia Coal Co., No. 5.	13	3	543	54	4	66	17	477	April	16
Conant Coal Co.	4	4	156	39	1	21	21	135	May	9
Coultersville Coal Co.	8	1	180	26	4	56	14	124	June	9
Curtler Coal Co.	6	1	535	89	2	24	12	511	July	16
Home Coal Co.	9	1	309	34	3	60	20	249	August	9
Ill-Mo Coal Co.	2	2	24	12	2	24	12	847	September	17
Moffat Coal Co., No. 1.	24	2	1,012	46	10	165	17	847	October	29
Moffat Coal Co., No. 2.	6	1	89	18	5	89	18	73	November	15
Peabody Coal Co., No. 14.	21	1	808	40	12	223	19	585	December	19
Pineknayville Mining Co., No. 5.	7	1	145	21	5	75	15	70		
Pyramid Coal Corp.	12	7	487	41	6	66	11	421		
St. Louis Coal Co.	19	2	404	26	12	177	15	317		
Southwestern Illinois Coal Corp.	2	4	84	42	1	8	8	76		
Truax-Traier Coal Co., No. 2.	4	4	197	49	2	23	12	174		
Union Colliery Co.	35	6	746	26	20	286	14	460		
United Electric Coal Cos., No. 11.	4	2	81	41				81		
Shipping Mines.	187	20	6,042	36	95	1,450	15	4,502		
Local Mines.	9		246	27	6	121	20	125		
Total.	196	20	6,288	36	101	1,571	16	4,717		63

JACKSON COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
S-1	Truax-Traer Coal Co., No. 2	Elkville.....	560,078	416,955	132,775	1,731	
S-2	Union Colliery Co.	Dowell.....	1,075,095	894,253	145,996	1,313	
2 shipping mines total.....			1,635,173	1,311,208	278,771	3,044	
LOCAL MINES.							
L-1	Templeton Coal Co.....	Murphysboro.....	12,017			11,500	
L-2	Blair, No. 3.....	Murphysboro.....	1,294			1,284	
L-4	E. H. Birkner.....	Oraville.....	5,107			4,600	
L-5	Louis L. McDonald.....	Carbondale.....	630			630	
L-6	Thos. G. Phillips.....	Carbondale.....	5,705			5,247	
L-7	M. & E. Coal Co.....	De Soto.....	10,266			8,430	
L-8	Jackson County Brick Co.	Campbell Hill.....	3,025				
L-12	K. W. S. Mine.....	Willisville.....	346			346	
L-15	Swafford Coal Co., No. 2	Carbondale.....	2,749			2,265	
L-16	Morgan Mine.....	Ava.....	1,201			1,189	
L-17	Replogle & Son.....	Murphysboro.....	4,538			4,514	
L-20	Chas. J. Bruce.....	Marion.....	230			220	
L-21	Fred H. Wills.....	Murphysboro.....	61,495			61,455	
L-22	O. R. Moss.....	Vergennes.....	225			215	
L-23	Best Coal Co.....	Carbondale.....	75			75	
L-24	Homer Craig & Co.....	De Soto.....	1,000			1,000	
L-25	Stephens & Myers.....	Campbell Hill.....	75			311	
L-27	John Douglas.....	McLeansboro.....	331			311	
L-28*	Hallidayboro Coal Co.	Elkville.....	450			420	
L-29	Elkville Coal Co.....	Elkville.....	1,361			1,200	
L-32	Atlas Coal Co.....	Vergennes.....	530			371	
L-33	De Soto Coal Co.....	De Soto.....	6			6	
L-47	Young Coal Co.....	Carbondale.....	75			75	
			13				
23 local mines total.....			112,744			105,457	
25 all mines total.....			1,747,917	1,311,208	278,771	108,501	

* Number of employees, mining machines, motors and animals underground averaged account different management of same mine.

NINTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
740	7,877	102	150	-----	3,550	-----	44,500	-----	-----	-----	-----	560,078	-----	271
840	32,693	631	204	-----	-----	2,000	151,200	20	30	1,075,095	-----	-----	-----	271
1,580	40,570	793	177	-----	3,550	2,000	195,700	20	30	1,075,095	-----	560,078	-----	-----
100	417	20	150	155	-----	-----	-----	2	-----	12,017	-----	-----	2	L-1
10	-----	7	45	24	-----	-----	-----	1	-----	1,294	-----	-----	2	L-2
7	500	6	201	340	-----	-----	-----	-----	-----	-----	5,107	-----	1	L-4
-----	458	7	28	-----	125	-----	-----	1	-----	630	-----	-----	2	L-5
732	1,104	13	231	311	-----	-----	-----	-----	-----	-----	5,705	-----	1	L-6
3,025	-----	10	224	11,600	-----	-----	-----	-----	-----	-----	10,266	-----	1	L-7
-----	-----	10	167	2,000	-----	-----	-----	1	-----	3,025	-----	-----	2	L-8
-----	484	3	51	11	-----	-----	-----	-----	-----	-----	346	-----	1	L-12
-----	-----	5	227	136	-----	-----	-----	-----	-----	-----	2,749	-----	1	L-15
12	-----	7	160	90	-----	-----	-----	-----	-----	-----	1,201	-----	1	L-16
24	-----	9	150	908	-----	-----	-----	-----	-----	-----	4,538	-----	1	L-17
10	-----	3	40	15	-----	-----	-----	-----	-----	-----	230	-----	1	L-20
10	-----	16	259	-----	750	-----	-----	-----	-----	-----	-----	61,495	1	L-21
10	-----	2	210	15	-----	-----	-----	-----	-----	-----	225	-----	1	L-22
-----	-----	4	10	3	-----	-----	-----	-----	-----	-----	75	-----	1	L-23
-----	-----	5	200	100	-----	-----	-----	-----	-----	1,000	-----	-----	1	L-24
1	-----	4	21	-----	250	-----	-----	-----	-----	75	-----	-----	-----	L-25
20	-----	3	60	14	-----	-----	-----	-----	-----	331	-----	-----	-----	L-27
30	-----	*3	45	25	-----	-----	-----	*	-----	450	-----	-----	1	*L-28
161	-----	*4	130	60	-----	-----	-----	*1	-----	507	-----	-----	1	*L-28
75	84	4	50	-----	500	-----	-----	-----	-----	530	-----	-----	1	L-29
-----	-----	4	10	-----	-----	-----	-----	-----	-----	6	-----	-----	-----	L-32
-----	-----	2	20	4	-----	-----	-----	-----	-----	-----	-----	75	-----	L-33
13	-----	2	10	5	-----	-----	-----	-----	-----	13	-----	-----	-----	L-47
4,240	3,047	148	119	2,216	15,225	-----	-----	6	-----	17,820	33,354	61,570	20	-----
5,820	43,617	941	123	2,216	18,775	2,000	195,700	26	30	1,092,915	33,354	621,648	20	-----

PERRY COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
S-2	Beaucoup Coal Co.....	Pinckneyville.....	21,280	14,927	3,995	-----	1,998
S-4	Pinckneyville Mining Co., No. 5.....	Pinckneyville.....	28,030	23,400	2,600	-----	1,030
S-5	Conant Coal Co.....	Conant.....	13,449	4,645	8,059	-----	297
S-6	Peabody Coal Co., No. 14.....	DuQuoin.....	525,827	382,370	123,157	-----	8,570
S-8	Cutler Coal Co., Inc.....	Cutler.....	55,566	52,673	-----	-----	624
S-9	Home Coal Co.....	Tamaroa.....	27,229	10,000	1,500	-----	14,729
S-10	Edgar Coal Co.....	Tamaroa.....	2,811	1,945	376	-----	-----
S-11	New Galum Coal Corp.....	Conant.....	28,072	22,181	4,811	-----	200
S-12	Perfection Coal Co.....	DuQuoin.....	41,922	12,482	-----	21,076	8,364
S-13	Pyramid Coal Corp.....	Pinckneyville.....	1,192,293	432,346	515,927	-----	†242,505
S-14	United Electric Coal Cos., No. 11.....	DuQuoin.....	1,089,758	789,151	294,842	-----	-----
S-15	C. & R. Coal Co.....	Cutler.....	63,802	60,288	-----	-----	1,914
S-16	Coulterville Coal Co.....	Coulterville.....	44,213	26,896	9,651	-----	4,089
13 shipping mines total.....			3,134,252	1,833,304	964,918	21,076	284,320
LOCAL MINES.							
L-1	Leo J. Ritter.....	DuQuoin.....	13,285	-----	-----	-----	13,285
L-2	Elm Grove Coal Co.....	Cutler.....	9,938	-----	-----	-----	8,373
L-3	Bolinski Coal Co.....	Pinckneyville.....	2,911	-----	-----	-----	2,590
L-4	Higgerson Coal Co.....	Cutler.....	2,255	-----	-----	-----	2,010
L-6	Paradise Coal Co.....	Tamaroa.....	1,761	-----	-----	-----	1,361
L-8*	Little White Ash Coal Co.....	DuQuoin.....	726	-----	-----	-----	700
L-8*	Little White Ash Coal Co.....	DuQuoin.....	458	-----	-----	-----	308
L-11*	Jacobs Coal Co.....	DuQuoin.....	180	-----	-----	-----	140
L-11*	West Park Coal Co.....	DuQuoin.....	734	-----	-----	-----	644
L-12	New Jewel Coal Co., No. 3.....	DuQuoin.....	535	-----	-----	-----	535
L-13	Burnett Mine, No. 2.....	DuQuoin.....	983	-----	-----	-----	983
L-29	Energy Coal & Supply Co.....	DuQuoin.....	2,285	-----	-----	-----	2,225
L-30	Bailey Bros. Coal Co.....	DuQuoin.....	1,946	-----	-----	-----	1,646
S-3	H. E. Presswood Coal Co.....	Pinckneyville.....	50	-----	-----	-----	50
12 local mines total.....			38,047	-----	-----	-----	34,856
25 all mines total.....			3,172,299	1,833,304	964,918	21,076	319,170

* Number of employees, mining machines, motors and animals underground averaged account different management of same mine.

† 242,073 tons sent to Universal Coal Washer.

NINTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.	
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.						
360		13	232		22,500						21,280		2	S-2	
1,000		63	123	1,000	18,600	100			1		28,030		4	S-4	
448		13	207		12,000					7,449	6,000		1	S-5	
11,730		496	147				99,925	22	27	525,827			3	S-6	
1,110	1,159	97	98		950	50		4	1	55,566			5	S-8	
1,000		51	170		1,100						27,229		4	S-9	
490		26	58		144						2,811		2	S-10	
880		40	150		1,187						28,072		4	S-11	
		47	55									41,922			S-12
1,515		369	207		53,850		30,570					1,192,293			S-13
5,765		249	205		121,200	6,565						1,089,758			S-14
1,000		108	135		2,770			1	1	21,267	42,535		5	S-15	
3,577		87	146		582	550		3	1	44,213			5	S-16	
29,475	1,159	1,659	148	7,733	228,150	7,265	130,495	32	31	654,322	155,957	2,323,973	35		
		5	180		250							13,285			L-1
315	1,250	7	171		9,150						9,938		1		L-2
21	300	7	147	135							2,911		1		L-3
183	62	4	153		600			1		2,255			1		L-4
400		4	190	98							1,761		1		L-6
26		*3	97	22							726		1		*L-8
	150	*4	90	50							458		1		*L-8
40		*4	40		150						180		1		*L-11
90		*5	70		750						734		1		*L-11
		6	95	6	800						535		1		L-12
		2	170	48							983		1		L-13
60		2	92									2,285			L-29
300		5	160	80							1,946		1		L-30
			2								50				S-3
1,435	1,762	51	136	439	11,700			1		2,255	20,222	15,570	9		
30,910	2,921	1,710	144	8,172	239,850	7,265	130,495	33	31	656,577	176,179	2,339,543	44		

RANDOLPH COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
7-2	Crain Coal Co.-----	Percy.....	10,926	6,144	-----	-----	4,358
7-3	Ill-Mo Coal Co.-----	Sparta.....	13,598	4,087	4,381	-----	4,988
7-5	Moffat Coal Co., No. 1.....	Sparta.....	151,086	2,454	137,739	-----	2,137
7-6	St. Louis Coal Co.-----	Coulterville.....	177,574	94,222	26,588	-----	36,665
7-7	Southwestern Illinois Coal Corp.	Percy.....	841,421	620,110	214,078	-----	600
8-15	Moffat Coal Co., No. 2.....	Sparta.....	41,144	1,493	36,033	-----	857
6 shipping mines total.....			1,235,749	728,510	418,819	-----	49,605
LOCAL MINES.							
L-1	Lemon & McKelvey Coal Co....	Sparta.....	10,892	-----	-----	-----	9,961
L-2	Blair Mining Co.....	Sparta.....	4,067	-----	-----	-----	3,903
L-3	Syndicate Coal Co.....	Percy.....	7,711	-----	-----	-----	7,218
L-4	Baldwin Coal Co.....	Baldwin.....	2,031	-----	-----	-----	1,818
L-5	Stevenson Coal Co.....	Sparta.....	285	-----	-----	-----	245
L-6	Schuline Coal Co.....	Sparta.....	3,495	-----	-----	-----	3,452
L-7	Beveridge Coal Co., No. 2.....	Sparta.....	7,984	-----	-----	-----	7,535
L-9	Economy Coal & Mining Co....	Sparta.....	400	-----	-----	-----	300
8 local mines total.....			36,865	-----	-----	-----	34,432
14 all mines total.....			1,272,614	728,510	418,819	-----	84,037

WASHINGTON COUNTY

SHIPPING MINES.							
8-1	Centralia Coal Co., No. 5.....	Centralia.....	215,488	100,601	83,288	-----	17,167
8-2	Clarkson Coal & Mining Co....	Nashville.....	13,238	1,017	3,761	4,090	3,167
8-3	Bois Coal Co.....	Dubois.....	22,925	380	-----	-----	21,086
3 shipping mines total.....			251,651	101,998	87,049	4,090	41,420
LOCAL MINES.							
L-1	Darmstadt Coal Co.....	Lenzburg.....	12,635	-----	-----	-----	11,805
L-2	Venedy Coal Co.....	Venedy.....	7,667	-----	-----	-----	7,306
2 local mines total.....			20,302	-----	-----	-----	19,111
5 all mines total.....			271,953	101,998	87,049	4,090	60,531

NINTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
424	-----	10	224	-----	3,600	-----	-----	1	-----	10,926	-----	-----	1	<i>P-2</i>
22	120	24	120	-----	3,800	-----	-----	1	1	13,598	-----	-----	3	<i>P-3</i>
8,756	-----	258	150	-----	67,350	1,300	9,300	5	13	151,086	-----	-----	12	<i>P-5</i>
3,986	16,113	218	109	78	70,450	100	-----	7	2	177,574	-----	-----	21	<i>P-6</i>
900	5,733	107	214	-----	45,950	-----	-----	-----	-----	-----	-----	841,421	-----	<i>P-7</i>
2,761	-----	96	107	-----	1,400	2,100	14,150	5	-----	41,144	-----	-----	12	<i>P-15</i>
16,849	21,966	713	154	78	192,550	3,500	23,450	19	15	394,328	-----	841,421	49	-----
644	287	14	153	97	550	-----	-----	1	-----	10,892	-----	-----	3	L-1
164	-----	6	164	28	-----	-----	-----	1	-----	4,067	-----	-----	2	L-2
493	-----	12	111	-----	2,000	-----	-----	1	1	7,711	-----	-----	1	L-3
213	-----	7	139	-----	575	-----	-----	1	-----	2,031	-----	-----	1	L-4
40	-----	3	29	12	-----	-----	-----	-----	-----	-----	285	-----	1	L-5
43	-----	7	82	-----	1,500	-----	-----	1	-----	3,495	-----	-----	1	L-6
449	-----	12	189	89	1,050	-----	-----	-----	-----	-----	7,984	-----	1	L-7
50	50	5	40	40	-----	-----	-----	-----	-----	-----	400	-----	-----	L-9
2,096	337	66	113	266	5,675	-----	-----	5	-----	28,196	8,669	-----	10	-----
18,945	22,303	779	131	344	198,225	3,500	23,450	24	15	422,524	8,669	841,421	59	-----

NINTH DISTRICT.

14,432	-----	228	121	-----	-----	51,900	6	19	215,488	-----	-----	-----	6	<i>P-1</i>
1,203	-----	88	36	-----	1,500	-----	4	1	13,238	-----	-----	-----	5	<i>P-2</i>
1,000	459	45	158	1,001	-----	-----	-----	-----	-----	22,925	-----	-----	-----	<i>P-3</i>
16,635	459	361	105	1,001	1,500	51,900	10	20	228,726	22,925	-----	-----	11	-----
500	330	21	160	-----	3,000	-----	1	-----	12,335	300	-----	-----	2	L-1
361	-----	11	216	307	-----	-----	-----	-----	-----	7,967	-----	-----	1	L-2
861	330	32	188	307	3,000	-----	1	-----	12,335	7,967	-----	-----	3	-----
17,496	789	393	138	1,308	4,500	51,900	11	20	241,061	30,892	-----	-----	14	-----

NINTH DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Jackson.....	2	1,635,173	1,311,208	278,771	-----	3,044	1,580	40,570
Perry.....	13	3,134,252	1,833,304	964,918	21,076	284,320	29,475	1,159
Randolph.....	6	1,235,749	728,510	418,819	-----	49,605	16,849	21,966
Washington.....	3	251,651	101,998	87,049	4,090	41,420	16,635	459
Total.....	24	6,256,825	3,975,020	1,749,557	25,166	378,389	64,539	64,154

LOCAL

Jackson.....	23	112,744	-----	-----	-----	105,457	4,240	3,047
Perry.....	12	38,047	-----	-----	-----	34,850	1,435	1,762
Randolph.....	8	36,865	-----	-----	-----	34,432	2,096	337
Washington.....	2	20,302	-----	-----	-----	19,111	861	330
Total.....	45	207,958	-----	-----	-----	193,850	8,632	5,476

ALL

Jackson.....	25	1,747,917	1,311,208	278,771	-----	108,501	5,820	43,617
Perry.....	25	3,172,299	1,833,304	964,918	21,076	319,170	30,910	2,921
Randolph.....	14	1,272,614	728,510	418,819	-----	84,037	18,945	22,303
Washington.....	5	271,953	101,998	87,049	4,090	60,531	17,496	789
Total.....	69	6,464,783	3,975,020	1,749,557	25,166	572,239	73,171	69,630

RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.			Machine.	Hand.	Stripping.	
793	177	-----	3,550	2,000	195,700	20	30	1,075,095	-----	560,078	-----
1,659	148	7,733	228,150	7,265	130,495	32	31	654,322	155,957	2,323,973	35
713	154	78	192,550	3,500	23,450	19	15	394,328	-----	841,421	49
361	105	1,001	1,500	-----	51,900	10	20	228,726	22,925	-----	11
3,526	147	8,812	425,750	12,765	401,545	81	96	2,352,471	178,882	3,725,472	95

MINES.

148	119	2,216	15,225	-----	-----	6	-----	17,820	33,354	61,570	20
51	136	439	11,700	-----	-----	1	-----	2,255	20,222	15,570	9
66	113	266	5,675	-----	-----	5	-----	28,196	8,669	-----	10
32	188	307	3,000	-----	-----	1	-----	12,335	7,967	-----	3
297	126	3,228	35,600	-----	-----	13	-----	60,606	70,212	77,140	42

MINES.

941	123	2,216	18,775	2,000	195,700	26	30	1,032,915	33,354	621,648	20
1,710	144	8,172	239,850	7,265	130,495	33	31	656,577	176,179	2,339,543	44
779	131	344	198,225	3,500	23,450	24	15	422,524	8,669	841,421	59
393	138	1,308	4,500	-----	51,900	11	20	241,061	30,892	-----	14
3,823	133	12,040	461,350	12,765	401,545	94	96	2,413,077	249,094	3,802,612	137

TENTH DISTRICT

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Tenth Inspection District, comprising the coal producing counties of Franklin and Jefferson for the year ending December 31, 1939.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years. Respectfully submitted.

WILLIAM J. JOHNSON, *Inspector.*

TENTH DISTRICT.

	1939	1938	1937	1936	1935
Number of counties producing coal.....	2	2	2	2	2
Number of shipping mines.....	13	12	13	15	12
Number of local mines.....	5	5	5	4	5
Number of employees underground.....	5,072	5,113	5,290	6,094	5,531
Number of employees on surface.....	1,589	1,585	1,520	1,614	1,391
Total number employed.....	6,661	6,698	6,810	7,708	6,922
Tons of coal produced in shipping mines.....	8,773,993	7,873,999	10,108,267	9,432,140	7,985,155
Tons of coal produced in local mines.....	508	1,535	380	420	957
Tons of coal produced, total.....	8,774,501	7,875,534	10,108,647	9,432,560	7,986,112
Days operated, shipping mines, average.....	140	128	170	144	147
Days operated, local mines, average.....	55	41	47	35	62
Number of undercutting machines.....	186	196	207	241	210
Tons undercut.....	8,773,993	7,873,999	10,108,267	9,432,140	7,985,155
Tons mined by hand.....	508	1,181	380	420	957
Tons mined in strip mines.....	217	310	346	398	443
Number of loading machines used.....	8,562,622	7,796,554	9,955,003	8,807,968	6,598,265
Tons loaded mechanically.....	14	10	17	19	14
Number of fatal accidents.....	311	305	428	486	459
Number of non-fatal accidents.....	476	670	401	406	494
Number of employees to each fatality.....	21.4	22.0	15.9	15.9	15.1
Number employed to each non-fatal accident.....	626,750	787,553	594,604	496,451	570,437
Tons of coal mined to each fatality.....	28,214	25,821	23,617	19,408	17,399
Tons mined to each non-fatal accident.....	2.1	1.5	2.4	2.5	2.0
Number of fatalities per 1,000 employed.....	46.7	45.5	62.8	63.1	66.3
Number injured per 1,000 employed.....					

CHANGED FROM LOCAL TO SHIPPING MINE.

Consolidated Coal Co. No. 20, Jefferson County.

FATAL ACCIDENTS.

January 4, Michael Sidney Sweeten, loader, aged 46 years, married, killed by fall of rib coal in mine No. 8 of the Old Ben Coal Corporation, leaving widow and eight children.

January 12, Herman Cates, cutting machine man, aged 52 years, married, killed by fall of rock in mine No. 18 of the Peabody Coal Co., leaving widow and one child.

February 11, Harry Harper, Sr., timberman, aged 46 years, married, killed by fall of rock in mine No. 1 of the Chicago, Wilmington & Franklin Coal Co., leaving widow and five children.

February 21, Oscar McClellan, motorman, aged 36 years, married, killed when caught between car and sand box of motor in mine No. 11 of Old Ben Coal Corporation, leaving wife and five children.

April 9, Roy L. Dudley, cager, aged 47 years, married, crushed between cars in mine No. 20 of the Consolidated Coal Co., leaving widow and one child.

April 20, Tony Alexander, night motorman, aged 47 years, married, crushed by cars in mine No. 2 of the Bell & Zoller Coal & Mining Co., leaving wife and one child.

August 12, Matthew Nicholson, timberman, aged 51 years, divorced, killed by fall of rock in mine No. 18 of the Peabody Coal Co., no dependents.

September 1, Fred Dehn, driller and shooter, aged 41 years, married, killed when shot blew through pillar in mine No. 7 of the Franklin County Coal Co., leaving widow and three children.

September 19, Albert Hudacho, triprider, aged 33 years, married, crushed by cars in mine No. 2 of the Chicago, Wilmington & Franklin Coal Co., leaving widow and one child.

September 29, Rolla Yates, skinup man, aged 57 years, married, killed by fall of rock in mine No. 5 of the Franklin County Coal Corp., leaving widow.

November 21, Walter Patterson, mine foreman, aged 35 years, widower, killed by fall of rock in mine No. 11 of the Old Ben Coal Corporation, leaving one dependent child.

December 5, George Lackey, wireman, aged 51 years, married, electrocuted in mine No. 2 of the Chicago, Wilmington & Franklin Coal Co., leaving widow.

December 12, Marion Bright, cutting machine operator, aged 62 years, married, killed by fall of coal in mine No. 1 of the Valier Coal Co., leaving widow.

December 23, Jesse Clem, airdox shooter, aged 44 years, married, killed by fall of top coal in mine No. 2 of the Bell & Zoller Coal & Mining Co., leaving widow and two children.

FATAL ACCIDENTS—TENTH DISTRICT, 1939.

Date of injury, death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Jan. 4 Jan. 12 Jan. 12 Feb. 11 Feb. 14 Feb. 21	Michael Sidney Sweeten Herman Gates Harry Hansen, Sr. Oscar McClellan	46 52 46 36	Loader Machine man Timberman Motorman	West Frankfort Hurst Orient Johnston City	Old Ben Coal Corp. Peabody Coal Co. C. W. & F. Coal Co. Old Ben Coal Corp.	8 18 1 11	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	9 2 6 6	Fall of rib coal. Fall of rock. Fall of rock. Crushed between motor and car.
Apr. 6 Apr. 9 Apr. 20 Apr. 20 Aug. 12 Aug. 12 Sept. 1 Sept. 1 Sept. 10 Sept. 10 Sept. 28 Sept. 29 Nov. 21 Nov. 21 Dec. 5 Dec. 12 Dec. 12 Dec. 22	Roy L. Dudley Tony Alexander Matthew Nicholson Fred Delin Albert Hudachko Rolla Yates Walter Paterson George Irigley Marion Bright Jesse Clem	47 47 51 51 33 33 57 35 51 62 44	Cager Night motorman Timberman Driller & shooter Triprider Skimp man Mine foreman Wireman Machine operator Ardox shooter	Nason Zeiger West Frankfort Roynton West Frankfort Herrin Cedola West Frankfort Valer Herrin	Consolidated Coal Co. Bell & Zoller C. & M. Co. Peabody Coal Co. Franklin County C. Co. C. W. & F. Coal Co. Franklin County C. Co. Old Ben Coal Corp. C. W. & F. Coal Co. Valer Coal Co. Bell & Zoller C. & M. Co.	20 2 18 7 2 3 11 2 1 2	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	2 2 1 4 2 1 1 1 1 3	Crushed between cars. Crushed by ears. Fall of rock. Shot blew thru pillar. Crushed by ears. Fall of rock. Fall of rock. West. Electrocution. Fall of face coal. Fall of top coal.

FRANKLIN COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
S-1	Bell & Zoller Coal & Mining Co., No. 1.....	Zeigler	1,010,502	741,927	187,333	-----	3,688
S-2	Bell & Zoller Coal & Mining Co., No. 2.....	Zeigler	805,636	579,928	145,495	-----	2,945
S-3	Chicago, Wilmington & Franklin Coal Co., No. 1.....	Orient.....	715,694	526,207	146,834	-----	2,072
S-4	Chicago, Wilmington & Franklin Coal Co., New Orient.....	West Frankfort	1,363,095	1,046,453	235,510	-----	29,966
S-6	Franklin County Coal Corp., No. 5.....	Herrin.....	535,786	489,912	-----	-----	9,642
S-7	Franklin County Coal Corp., No. 7.....	Royalton.....	604,124	529,972	-----	-----	4,170
S-8	Old Ben Coal Corp., No. 8.....	West Frankfort	547,953	377,595	145,190	-----	10,531
S-9	Old Ben Coal Corp., No. 11.....	Coello.....	469,668	391,360	49,401	-----	3,554
S-10	Old Ben Coal Corp., No. 14.....	Buckner.....	545,744	375,387	142,086	-----	13,128
S-11	Old Ben Coal Corp., No. 15.....	West Frankfort	550,737	423,362	97,992	-----	1,459
S-12	Peabody Coal Co., No. 18.....	West Frankfort	525,683	395,564	111,152	-----	13,302
S-14	Valier Coal Co., No. 1.....	Valier.....	979,294	-----	967,007	-----	2,374
12 shipping mines total.....			8,653,916	5,877,667	2,228,000	-----	96,831

JEFFERSON COUNTY

SHIPPING MINES.							
S-2	Consolidated Coal Co., Jefferson No. 20.....	Nason.....	120,077	35,350	55,226	-----	12,528
LOCAL MINES.							
L-1	Walter Cole.....	Opdyke.....	74	-----	-----	-----	58
L-2	W. F. Robertson.....	Belle Rive.....	100	-----	-----	-----	100
L-3	Edd Hamson.....	Belle Rive.....	149	-----	-----	-----	143
L-4	J. M. Shelton.....	Opdyke.....	149	-----	-----	-----	88
L-5	Herman Bube.....	Opdyke.....	36	-----	-----	-----	36
5 local mines total.....			508	-----	-----	-----	425
6 all mines total.....			120,585	35,350	55,226	-----	12,953

TENTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
28,198	49,356	619	141	-----	-----	-----	33,750	24	50	1,010,502	-----	-----	-----	2-1
37,918	39,350	725	139	-----	-----	650	30,850	17	44	805,636	-----	-----	-----	2-2
21,237	19,344	526	144	-----	-----	-----	92,700	13	30	715,694	-----	-----	-----	2-3
3,814	47,352	950	145	-----	-----	-----	183,950	28	53	1,363,095	-----	-----	-----	2-4
11,077	25,155	511	156	-----	-----	-----	67,075	14	9	535,786	-----	-----	42	2-6
12,069	57,913	490	144	-----	-----	-----	127,850	10	26	604,124	-----	-----	-----	2-7
1,886	12,751	432	132	-----	-----	-----	200	7	34	547,953	-----	-----	-----	2-8
2,230	23,123	330	129	-----	-----	-----	50	6	27	469,668	-----	-----	-----	2-9
3,037	12,106	425	144	-----	-----	-----	650	8	29	545,744	-----	-----	-----	2-10
5,751	22,173	443	141	-----	-----	-----	700	7	31	550,737	-----	-----	-----	2-11
5,665	-----	474	132	-----	-----	-----	126,750	23	25	525,683	-----	-----	-----	2-12
1,549	8,364	579	130	-----	-----	-----	191,100	25	44	979,294	-----	-----	-----	2-14
134,431	316,987	6,504	140	-----	-----	650	855,625	182	402	8,653,916	-----	-----	42	

TENTH DISTRICT.

10,525	6,448	146	272	-----	-----	-----	14,650	4	9	120,077	-----	-----	-----	S-2
-----	16	1	47	-----	-----	-----	-----	-----	-----	-----	-----	74	-----	L-1
-----	6	4	45	-----	-----	-----	-----	-----	-----	-----	-----	100	-----	L-2
-----	61	2	83	-----	-----	-----	-----	-----	-----	-----	-----	149	-----	L-3
-----	-----	1	48	-----	-----	-----	-----	-----	-----	-----	-----	149	-----	L-4
-----	-----	3	50	-----	-----	-----	-----	-----	-----	-----	-----	36	-----	L-5
-----	83	11	55	-----	-----	-----	-----	-----	-----	-----	-----	508	-----	
10,525	6,531	157	91	-----	-----	-----	14,650	4	9	120,077	-----	508	-----	

TENTH DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Franklin.....	12	8,653,916	5,877,667	2,228,000	-----	96,831	134,431	316,987
Jefferson.....	1	120,077	35,350	55,226	-----	12,528	10,525	6,448
Total.....	13	8,773,993	5,913,017	2,283,226	-----	109,359	144,956	323,435

LOCAL

Jefferson.....	5	508	-----	-----	-----	425	-----	83
----------------	---	-----	-------	-------	-------	-----	-------	----

ALL

Franklin.....	12	8,653,916	5,877,667	2,228,000	-----	96,831	134,431	316,987
Jefferson.....	6	120,585	35,350	55,226	-----	12,953	10,525	6,531
Total.....	18	8,774,501	5,913,017	2,283,226	-----	109,784	144,956	323,518

RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.			Machine.	Hand.	Stripping.	
6,504	140	-----	-----	650	855,625	182	402	8,653,916	-----	-----	42
146	272	-----	-----	-----	14,650	4	9	120,077	-----	-----	-----
6,650	140	-----	-----	650	870,275	186	411	8,773,993	-----	-----	42

MINES.

11	55	-----	-----	-----	-----	-----	-----	-----	-----	508	-----
----	----	-------	-------	-------	-------	-------	-------	-------	-------	-----	-------

MINES.

6,504	140	-----	-----	650	855,625	182	402	8,653,916	-----	-----	42
157	91	-----	-----	-----	14,650	4	9	120,077	-----	508	-----
6,661	117	-----	-----	650	870,275	186	411	8,773,993	-----	508	42

ELEVENTH DISTRICT

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Eleventh District comprising the coal producing counties of Gallatin, Pope, Saline, Wabash and White for the year ending December 31, 1939.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,

MICHAEL TAGGART, Inspector.

ELEVENTH DISTRICT.

	1939	1938	1937	1936	1935
Number of counties producing coal.....	4	5	5	5	5
Number of shipping mines.....	12	12	12	13	10
Number of local mines.....	60	57	43	60	60
Number of employees underground.....	2,724	3,139	3,416	3,519	3,672
Number of employees on surface.....	754	783	867	767	578
Total number employed.....	3,478	3,922	4,283	4,286	4,250
Tons of coal produced in shipping mines.....	3,624,598	3,114,877	3,493,987	3,693,556	3,198,829
Tons of coal produced in local mines.....	113,749	108,398	80,896	101,780	99,019
Tons of coal produced, total.....	3,738,347	3,223,275	3,574,883	3,795,336	3,297,848
Days operated, shipping mines, average.....	168	136	151	150	153
Days operated, local mines, average.....	96	99	103	91	79
Number of undercutting machines.....	157	183	187	246	217
Tons undercut.....	2,946,919	2,461,578	2,748,326	3,305,734	2,985,314
Tons mined by hand.....	31,968	36,907	27,132	33,235	42,837
Tons mined in strip mines.....	759,460	724,790	799,425	456,367	269,697
Number of loading machines used.....	64	60	59	62	33
Tons loaded mechanically.....	2,408,317	1,604,491	1,325,045	915,412	367,750
Number of fatal accidents.....	12	10	8	9	10
Number of non-fatal accidents.....	234	273	307	347	414
Number of employees to each fatality.....	290	392	535	476	425
Number employed to each non-fatal accident.....	14.9	14.3	13.9	12.4	10.2
Tons of coal mined to each fatality.....	311,529	323,328	446,860	421,704	329,785
Tons mined to each non-fatal accident.....	15,976	11,807	11,644	10,938	7,966
Number of fatalities per 1,000 employed.....	3.4	2.6	1.8	2.1	2.4
Number injured per 1,000 employed.....	67.3	70.0	71.7	80.9	97.4

CHANGE OF NAME.

White County Coal Co. to H. & H. Coal Co., White County.

FATAL ACCIDENTS.

March 14, Randall Baker, boiler fireman, aged 31 years, married, killed by falling in shaft at mine No. 2 of the Rex Coal Co., leaving widow and three children.

March 17, Edward Sirles, triprider, aged 20 years, married, crushed by cars in mine No. 10 of the Sahara Coal Co., leaving widow.

March 23, Berry Brandon, timberman, aged 51 years, married, killed by fall of rock in mine No. 1 of the Wasson Coal Co., leaving widow.

May 24, Jesse T. Cannon, loading machine operator, aged 52 years, married, electrocuted in mine No. 1 of the Wasson Coal Co., leaving widow and two children.

July 6, Poley H. Disney, cutting machine operator, aged 38 years, married, killed by fall of slate in mine of Fifth Vein Coal Co., leaving wife and six children.

August 14, Everett Evans, electrical repairman, aged 38 years, married, electrocuted in mine No. 6 of the Blue Bird Coal Co., leaving wife and one child.

August 25, Rufus Talley, jerryman, aged 63 years, married, killed by fall of rock in mine No. 43 of the Peabody Coal Co., leaving wife.

October 2, Arch Rodd, loading machine helper, aged 44 years, married, killed by fall of rib coal in mine No. 43 of the Peabody Coal Co., leaving wife.

October 10, Clarence Mabrey, motorman, aged 48 years, married, crushed by motor in mine No. 2 of the Rex Coal Co., leaving widow and five children.

October 12, William J. Williams, road cleaner, aged 26 years, married, crushed by cars in mine No. 47 of the Peabody Coal Co., leaving wife and two children.

October 26, J. C. Tanner, driller, aged 26 years, married, killed by fall of rock in mine A of the Wasson Coal Co., leaving wife and one child.

December 4, Lon Tolbert, loader, aged 57 years, married, killed by fall of rock in mine operated by Virgil Anderson, leaving wife and one child.

FATAL ACCIDENTS—ELEVENTH DISTRICT, 1939.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Mar. 14 Mar.	14	Randall Baker	31	Fireman	Raleigh Twp.	Rex Coal Co.	2	1	1	1	3	4	Fell in shaft.
Mar. 17 Mar.	17	Edward Sikes	20	Triprider	Eldorado	Sahara Coal Co.	10	1	1	1	1	1	Crushed by cars.
Mar. 22 Mar.	23	Berry Brandon	51	Timberman	Harrisburg	Wasson Coal Co.	1	1	1	1	1	1	Fall of rock.
May 24 May	24	Jesse T. Cannon	52	Machine operator	Harrisburg	Wasson Coal Co.	1	1	1	1	2	3	Electrocution.
June 30 July	6	Poley H. Disney	38	Machine operator	Muddy	Fifth Vein Coal Co.		1	1	1	6	7	Fall of slate.
Aug. 14 Aug.	14	Everett Evans	38	Electrical repairman	Harrisburg	Blue Bird Coal Co.	6	1	1	1	1	2	Electrocution.
Aug. 25 Aug.	25	Rufus Talley	63	Jerryman	Cartersville	Peabody Coal Co.	43	1	1	1	1	1	Fall of rock.
Oct. 2 Oct.	2	Arch Rodd	44	Loading machine helper	Marion	Peabody Coal Co.	43	1	1	1	1	1	Fall of rib coal.
Oct. 10 Oct.	10	Clarence Mabrey	48	Motorman	Eldorado	Rex Coal Co.	2	1	1	1	5	6	Crushed by motor.
Sept. 25 Oct.	12	William J. Williams	26	Road cleaner	Carrier Mills	Peabody Coal Co.	47	1	1	1	2	3	Crushed by cars.
Oct. 2 Oct.	26	J. C. Tanner	26	Driller	Stonesfort	Wasson Coal Co.	A	1	1	1	1	2	Fall of rock.
Dec. 1 Dec.	4	Lon Tolbert	57	Loader	Harrisburg	Milt Conway Mine		1	1	1	1	2	Fall of rock.

NON-FATAL ACCIDENTS—ELEVENTH DISTRICT.

Name of operator.	Number injured.	Number not returned.	Days lost by men returned.		Loss of 7 but less than 30 days.			Loss of 30 or more days.			Month.	Month in which accident occurred.
			Total.	Average.	Number injured.	Days lost.		Number injured.	Days lost.			
						Total.	Average.		Total.	Average.		
Bankston Creek Collieries, No. 4.....	4	1	68	23	1	8	8	2	60	30	January.....	26
Bankston Creek Collieries, No. 5.....	14	2	572	48	7	154	22	5	418	84	February.....	35
Bankston Creek Collieries, No. 6.....	12	2	386	39	4	66	16	6	320	53	March.....	26
Blue Bird Coal Co., No. 6.....	5	1	69	17	4	69	17				April.....	15
Peabody Coal Co., No. 43.....	37	8	874	30	18	310	17	11	564	51	May.....	20
Peabody Coal Co., No. 47.....	49	6	2,198	51	20	329	16	23	1,869	81	June.....	10
Sahara Coal Co., No. 1.....	17		812	48	6	123	21	11	689	63	July.....	12
Sahara Coal Co., No. 10.....	33	5	956	34	18	321	20	10	635	64	August.....	13
Wasson Coal Co., "A".....	23	3	856	43	10	132	13	10	724	72	September.....	16
Wasson Coal Co., No. 1.....	33	4	848	29	17	222	13	12	626	52	October.....	21
Shipping Mines.....	227	32	7,639	39	105	1,734	17	90	5,905	66	November.....	18
Local Mines.....	7		223	32	2	35	18	5	188	38	December.....	22
Total.....	234	32	7,862	39	107	1,769	17	95	6,093	64		234

GALLATIN COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
L-1	Logan Highway Coal Co.-----	Junction-----	24,045				23,710
L-2	Mid City Coal Co.-----	Junction-----	10,379				9,079
L-3	Cedar Hill Coal Co.-----	Junction-----	10,368				9,568
L-4	Pekin Coal Co.-----	Equality-----	5,736				4,324
L-5	Thornton Colbert-----	Equality-----	830				830
L-7*	Milo Scarbrough-----	Equality-----	40				40
L-7*	T. B. Hambrice-----	Equality-----	65				43
L-8	Robt. Payne & Son-----	Shawneetown-----	131				131
L-9	Moore & Miles Coal Co.-----	Junction-----	266				266
L-10	W. B. Dickson-----	Junction-----	457				457
L-11	Lone Star Mine-----	Equality-----	24				
L-14	Edgar Scott-----	Sparks Hill-----	150				140
L-16	Sam Black-----	Junction-----	48				48
L-17	Shawnee Coal Co.-----	Sparks Hill-----	14				10
L-18	Eagle Valley Mine-----	Junction-----	207				172
L-25	James Potter, No. 1-----	Junction-----	501				501
L-26	Clyde McCluskey-----	Equality-----	83				73
	Wallace Jennings Mine, No. 1-----	Equality-----	40				
17 local mines total-----			53,384				49,392

SALINE COUNTY

SHIPPING MINES.							
S-1	Bankston Creek Collieries, No. 6	Carrier Mills	754,910	449,805	278,596		
S-3	Blue Bird Coal Co., No. 6	Carrier Mills	205,846	205,846			
S-4	Peabody Coal Co., No. 43	Harrisburg	325,443	172,080	135,187		3,580
S-5	Peabody Coal Co., No. 47	Harcro	551,957	438,691	83,585		2,057
S-6	Rex Coal Co., No. 2	Eldorado	403,849	389,435			5,759
S-7	Sahara Coal Co., No. 1	Harrisburg	147,494	44,109	37,458		†62,848
S-9	Sahara Coal Co., No. 10	Eldorado	245,481	104,942	69,732		†60,763
S-11	Wasson Coal Co., "A"	Harrisburg	121,781	117,651			43
S-12	Wasson Coal Co., No. 1	Harrisburg	415,673	390,224			3,370
S-15	Bankston Creek Collieries, No. 4	Harrisburg	43,928	See Central Washing Plant			
S-16	Bankston Creek Collieries, No. 5	Carrier Mills	405,972	See Central Washing Plant			
	Central Washing Plant	Carrier Mills		#423,319	70,130		
				#310,573			
11 shipping mines total			3,622,334	2,623,356	674,688		138,420
LOCAL MINES.							
L-2	Silas Moore Mine, No. 3	Equality	2,191				1,691
L-4	Pickford Strip	Harrisburg	1,489				1,189
L-5	Don Randall	Harrisburg	3,061				3,061
L-6	Silas Moore, No. 4	Equality	504				374
L-7	C. C. McNew & Son, No. 2	Carrier Mills	614				608
L-11	Brady-Gobin	Equality	1,732				1,262
L-12	Liberty Coal Co.	Harrisburg	2,950				2,650
L-14	Carrier Mills Coal Co.	Carrier Mills	24,910				21,755
L-15	John Penrod	Harrisburg	685				685
L-16*	Conway Mine—C. A. Sutton	Harrisburg	604				559

† Shipped to Central Washing Plant.

49,898 tons shipped to Central Washing Plant.

* #310,573 tons used in adding total in this column to avoid duplication of tonnage as noted by † and ‡.
 The tonnage shown by † and ‡ in this footnote was shipped on cars and sold to railroad companies by Central Washing Plant. The difference of 112,746 tons has already been taken into account under heading "Sold to local trade".

ELEVENTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
335	---	34	196	---	2,200	---	---	1	1	24,045	---	---	6	L-1
900	400	16	160	---	2,125	---	---	1	---	10,379	---	---	4	L-2
345	455	14	240	---	3,150	---	---	1	---	10,368	---	---	2	L-3
650	762	12	94	---	500	---	---	---	---	---	5,736	---	2	L-4
---	---	6	41	---	1,050	---	---	1	---	---	---	---	3	L-5
---	---	*2	20	---	8	---	---	---	---	---	40	---	1	*L-7
---	22	*2	16	10	---	---	---	---	---	---	65	---	1	*L-7
---	---	3	60	7	---	---	---	---	---	---	131	---	1	L-8
---	---	2	80	16	---	---	---	---	---	---	266	---	1	L-9
---	---	3	95	---	3,754	---	---	---	---	---	457	---	1	L-10
24	---	1	7	---	30	---	---	---	---	---	24	---	---	L-11
10	---	2	50	7	---	---	---	---	---	---	150	---	---	L-14
---	---	1	90	7	---	---	---	---	---	---	48	---	1	L-16
4	---	1	7	2	---	---	---	---	---	---	14	---	---	L-17
---	35	3	45	9	---	---	---	---	---	---	207	---	---	L-18
---	---	3	110	30	---	---	---	---	---	---	501	---	1	L-25
---	10	2	25	9	---	---	---	---	---	---	83	---	1	L-26
---	40	2	30	3	---	---	---	---	---	---	40	---	---	---
2,268	1,724	107	80	108	12,809	---	---	4	1	45,622	7,762	---	24	---

ELEVENTH DISTRICT.

---	26,509	137	253	---	247,230	---	---	3	9	205,846	---	754,910	---	S-1
---	---	130	155	---	---	---	---	15	25	329,443	---	---	---	S-3
3,732	10,864	321	140	---	500	800	---	---	---	---	---	---	---	S-4
12,944	14,680	600	145	---	12,250	32,475	---	19	27	551,957	---	---	---	S-5
8,655	---	318	197	---	---	65,950	---	10	17	409,849	---	---	---	S-6
1,172	1,907	527	54	4,650	---	12,350	---	46	20	147,494	---	---	---	S-7
5,858	4,186	430	122	---	---	22,525	---	21	17	245,481	---	44	---	S-9
3,858	229	211	154	---	1,100	---	---	6	7	121,781	---	23	---	S-11
14,330	7,749	291	244	37,950	450	500	---	5	24	415,673	---	---	---	S-12
---	---	50	123	---	---	6,150	---	4	1	43,928	---	---	---	S-15
---	---	180	300	---	---	56,200	---	16	4	405,972	---	---	---	S-16
69,197	---	---	---	---	---	---	---	---	---	---	---	---	---	---
50,549	135,321	3,195	172	---	42,600	261,530	196,950	145	151	2,867,424	---	754,910	67	---
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
100	400	6	175	---	725	---	---	1	---	2,191	---	---	2	L-2
100	200	4	120	---	---	500	---	---	---	---	---	1,489	---	L-4
---	---	4	126	---	---	500	---	---	---	---	---	3,061	---	L-5
50	80	4	60	---	170	---	---	1	---	504	---	---	1	L-6
6	---	4	48	---	100	---	---	1	---	614	---	---	1	L-7
37	433	4	200	173	---	---	---	---	---	---	1,732	---	1	L-11
---	300	6	200	200	---	---	---	---	---	---	2,950	---	2	L-12
---	3,155	13	192	4,650	---	---	---	1	---	24,910	---	---	2	L-14
---	---	3	68	34	---	---	---	---	---	---	685	---	---	L-15
---	45	*5	40	---	300	---	---	*1	---	604	---	---	*1	L-16

SALINE COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
L-16*	Conway Mine—Virgil Anderson	Harrisburg	1,865				1,565
L-17	L. D. Robertson Mine, No. 1	Harrisburg	652				594
L-26*	Jones & Gill	Equality	117				117
L-26*	Rocky Branch Mine, No. 1	Equality	120				90
L-27	Wilson & Lane	Equality	32				25
L-28	Bond Bros., R. J. Reynolds, No. 2	Equality	640				640
L-30	Bert Ward Mine, No. 1	Carrier Mills	180				120
L-31*	Henry Ragsdale Mine—Vaughn	Harrisburg	162				127
L-31*	Henry Ragsdale Mine—Wilson	Equality	200				150
L-32	Evert Ward Mine, No. 2	Carrier Mills	180				100
L-34*	Earl Scroggins Mine—Jess Stunson	Equality	100				74
L-34*	Earl Scroggins Mine—Roberts & Davis	Harrisburg	581				581
L-35*	Partin & McGowan	Equality	100				75
L-35*	Eagle Creek Coal Co., No. 1	Equality	150				100
L-41	James W. Clark, No. 1	Harrisburg	1,014				1,014
L-42	Hart Duncan & Son	Carrier Mills	825				825
L-43	Blue Blaze, No. 1	Carrier Mills	1,673				1,273
L-44	Tom Osbern Mine—Wm. Angelly	Equality	382				332
L-47	Al Tarlton Mine	Equality	200				200
L-50	Robert Tolbert Mine, No. 1	Harrisburg	77				77
L-52	C. C. & Claude McNew	Carrier Mills	2,300				1,691
	26 local mines total		50,290				43,604
	37 all mines total		3,672,624	2,623,356	674,688		182,024

WABASH COUNTY

LOCAL MINES.						
L-1	Briar Hill Mine	Keensburg	4,009			3,909
L-3	Reel & Wilkinson	Mt. Carmel	1,030			1,010
L-6	Fred Goodman	Keensburg	1,520			1,496
L-7*	H. A. Elkins	Mt. Carmel	3,000			3,000
L-7*	Hillcrest Mine	Mt. Carmel	316			280
L-9	Ervin Wilkerson	Mt. Carmel	200			175
	5 local mines total		10,075			9,870

WHITE COUNTY

SHIPPING MINES.						
S-1	H. & H. Coal Co.	Norris City	2,264	353		903

ELEVENTH DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
8	300 50	*3 3	150 180	80 31	---	---	---	*1	---	686	1,179	---	1	*L-16
---	---	---	---	---	---	---	---	---	---	---	652	---	---	L-17
---	---	---	---	---	---	---	---	---	---	---	117	---	2	*L-26
---	30	*4	20	6	---	---	---	---	---	---	120	---	1	*L-26
---	7	2	12	1	---	---	---	---	---	---	32	---	---	L-27
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	60	2	118	26	---	---	---	---	---	---	640	---	1	L-28
---	---	---	---	---	---	---	---	---	---	---	180	---	---	L-30
---	35	*2	18	14	---	---	---	---	---	---	162	---	1	*L-31
---	50	*3	40	20	---	---	---	---	---	---	200	---	1	*L-31
---	80	1	45	13	---	---	---	---	---	---	180	---	1	L-32
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	26	*6	8	---	125	---	---	---	---	---	100	---	---	*L-34
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---	---	---	581	---	---	*L-34
---	25	*3	40	---	550	---	---	---	---	---	100	---	1	*L-35
---	50	*3	25	---	200	---	---	---	---	---	150	---	1	*L-35
---	---	---	---	---	250	---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---	---	---	1,014	---	1	L-41
---	---	---	---	---	---	---	---	---	---	---	825	---	---	L-42
---	490	6	120	56	---	---	---	---	---	---	1,673	---	1	L-43
---	50	3	250	95	---	---	---	---	---	---	382	---	1	L-44
---	---	---	---	---	1,500	---	---	---	---	---	200	---	1	L-47
---	---	2	50	6	---	---	---	---	---	---	77	---	---	L-50
---	---	3	22	5	---	---	---	---	---	---	200	---	1	L-52
10	599	8	82	---	500	---	---	1	---	2,100	---	---	---	---
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
311	6,375	107	102	821	9,570	500	---	6	---	31,609	14,131	4,550	20	---
50,860	141,686	3,302	122	821	14,220	262,030	196,950	151	151	2,899,033	14,131	759,460	87	---

ELEVENTH DISTRICT.

100	---	11	142	---	4,000	---	---	---	---	4,000	---	---	---	L-1
20	---	7	152	---	850	---	---	---	---	1,030	---	---	---	L-3
24	---	4	113	---	1,000	---	---	---	---	1,520	---	---	---	L-6
---	---	*8	100	---	7,545	---	---	---	---	3,000	---	---	---	*L-7
16	20	*7	33	---	820	---	---	---	---	316	---	---	---	*L-7
5	20	3	40	---	250	---	---	---	---	200	---	---	---	L-9
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
165	40	33	117	---	14,495	---	---	---	---	10,075	---	---	---	---

ELEVENTH DISTRICT.

1,008	---	36	31	---	---	5	350	2	1	2,264	---	---	2	S-1
-------	-----	----	----	-----	-----	---	-----	---	---	-------	-----	-----	---	-----

ELEVENTH DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Saline.....	11	3,622,334	2,623,356	674,688	-----	138,420	50,549	135,321
White.....	1	2,264	353	-----	-----	903	1,008	-----
Total.....	12	3,624,598	2,623,709	674,688	-----	139,323	51,557	135,321

LOCAL

Gallatin.....	17	53,384	-----	-----	-----	49,392	2,268	1,724
Saline.....	26	50,290	-----	-----	-----	43,604	311	6,375
Wabash.....	5	10,075	-----	-----	-----	9,870	165	40
Total.....	48	113,749	-----	-----	-----	102,866	2,744	8,139

ALL

Gallatin.....	17	53,384	-----	-----	-----	49,392	2,268	1,724
Saline.....	37	3,672,624	2,623,356	674,688	-----	182,024	50,860	141,696
Wabash.....	5	10,075	-----	-----	-----	9,870	165	40
White.....	1	2,264	353	-----	-----	903	1,008	-----
Total.....	60	3,738,347	2,623,709	674,688	-----	242,189	54,301	143,460

RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.			Machine.	Hand.	Stripping.	
3,195 36	172 31	-----	42,600	261,530	196,950	145	151	2,867,424	-----	754,910	67
		-----	-----	5	350	2	1	2,264	-----	-----	2
3,231	168	-----	42,600	261,535	197,300	147	152	2,869,688	-----	754,910	69

MINES.

107	80	108	12,809	-----	-----	4	1	45,622	7,762	-----	24
107	102	821	9,570	500	-----	6	-----	31,609	14,131	4,550	20
33	117	-----	14,495	-----	-----	-----	-----	-----	10,075	-----	-----
247	96	929	36,874	500	-----	10	1	77,231	31,968	4,550	44

MINES.

107	80	108	12,809	-----	-----	4	1	45,622	7,762	-----	24
3,302	122	821	52,170	262,030	196,950	151	151	2,899,033	14,131	759,460	87
33	117	-----	14,495	-----	-----	-----	-----	-----	10,075	-----	-----
36	31	-----	-----	5	350	2	1	2,264	-----	-----	2
3,478	108	929	79,474	262,035	197,300	157	153	2,946,919	31,968	759,460	113

TWELFTH DISTRICT

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Twelfth Inspection District comprising the coal producing counties of Johnson and Williamson for the year ending December 31, 1939.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,

FRED SCHOONOVER, *Inspector.*

TWELFTH DISTRICT.

	1939	1938	1937	1936	1935
Number of counties producing coal.....	2	2	2	2	2
Number of shipping mines.....	13	13	15	19	20
Number of local mines.....	81	78	80	93	96
Number of employees underground.....	1,395	1,398	1,690	1,721	2,154
Number of employees on surface.....	599	869	619	622	726
Total number employed.....	1,994	2,267	2,309	2,343	2,880
Tons of coal produced in shipping mines.....	1,958,256	1,787,100	2,382,214	2,641,243	2,760,767
Tons of coal produced in local mines.....	497,260	372,254	436,910	351,995	235,037
Tons of coal produced, total.....	2,455,516	2,159,354	2,819,124	2,993,238	2,995,804
Days operated, shipping mines, average.....	117	105	134	138	145
Days operated, local mines, average.....	135	129	133	129	109
Number of undercutting machines.....	57	55	55	64	63
Tons undercut.....	1,625,700	1,475,637	1,933,027	1,983,343	2,213,113
Tons mined by hand.....	142,139	152,117	279,856	287,310	241,435
Tons mined in strip mines.....	687,667	531,600	606,241	722,585	541,256
Number of loading machines used.....	27	75	72	80	178
Tons loaded mechanically.....	1,146,482	1,149,267	1,452,474	1,358,978	1,574,572
Number of fatal accidents.....	3	5	9	5	9
Number of non-fatal accidents.....	85	63	95	145	176
Number of employees to each fatality.....	665	454	256	469	320
Number employed to each non-fatal accident.....	23.5	36.0	24.2	16.2	16.4
Tons of coal mined to each fatality.....	818,505	431,871	324,347	598,648	332,867
Tons mined to each non-fatal accident.....	28,888	34,275	30,728	20,643	17,022
Number of fatalities per 1,000 employed.....	1.5	2.2	3.9	2.1	3.1
Number injured per 1,000 employed.....	42.6	27.8	41.3	62.0	61.1

CHANGE OF NAME.

Marvel Coal Co., to M. & S. Coal Co., Williamson County.

NEW MINES.

Cox Coal Co., Williamson County.

CHANGED FROM LOCAL TO SHIPPING MINES.

Peerless Coal Co., Cambria, Williamson County.

Spillertown Coal Co., Marion, Williamson County.

FATAL ACCIDENTS.

June 29, Hugh Harris, mine owner, aged 43 years, married, killed by runaway car down slope of Green Valley Coal Co., leaving widow.

November 9, Luther Adams, miner, aged 44 years, married, killed by fall of coal in Freeman Spur mine of Seymour Coal Mining Co., leaving wife and one child.

December 20, Wayne Reynolds, loading machine helper, aged 29 years, married, killed by fall of rock in Buckhorn mine of the Consolidated Coal Co., leaving wife and one child.

FATAL ACCIDENTS—TWELFTH DISTRICT, 1939.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
June 29	June 29	Hugh Harris	43	Operator	Marion	Green Valley Coal Co.		1	1	1	1	1	1 Runaway car down slope.
Nov. 9	Nov. 9	Lucas Adams	44	Miner	Herrin	Seymour Coal Mining Co.		1	1	1	1	2	Crushed between machine and rib.
Nov. 30	Dec. 20	Wayne Reynolds	29	Loading machine helper	Herrin	Consolidated Coal Co.	Buckhorn	1	1	1	1	2	Fall of rock.

JOHNSON COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
L-4	LOCAL MINES. Casper Coal Co.....	Vienna.....	20	-----	-----	-----	20

WILLIAMSON COUNTY

SHIPPING MINES.							
S-1*	Marvel Coal Co.....	Pittsburg	7,602	3,151	4,211	-----	-----
S-1*	M. & S. Coal Co.....	Pittsburg	18,789	13,001	4,118	-----	303
S-3	Consolidated Coal Co., New Monarch.....	Herrin	302,307	225,748	31,392	-----	14,170
S-4	Delta Coal Mining Co.....	Marion	454,407	341,332	113,075	-----	-----
S-7	Forsyth Carterville Coal Co.....	Carterville	96,210	75,295	20,765	-----	150
S-9	Freeman Coal Mining Co.....	Herrin	54,859	30,328	23,248	-----	320
S-13	McLaren Coal Co., No. 1.....	Carterville	112,210	105,131	-----	-----	1,458
S-17	Seymour Coal Mining Co.....	Herrin	543,701	412,702	130,156	-----	843
S-19	Wallace Coal Co.....	Marion	144,402	70,794	73,543	-----	65
S-20	Consolidated Coal Co., Buckhorn.....	Herrin	190,191	149,645	37,420	-----	-----
S-21	Diamond Coal Co., No. 3.....	Herrin	6,700	1,550	5,150	-----	-----
S-80	Cox Coal Co.....	Marion	2,687	2,687	-----	-----	-----
L-1	Peerless Coal Co.....	Cambria	12,235	1,925	-----	-----	10,310
L-5	Spillertown Coal Co.....	Marion	11,956	179	-----	-----	10,110
13 shipping mines total.....			1,958,256	1,433,468	443,078	-----	37,759
LOCAL MINES.							
L-2*	Clyde Chamness.....	Marion	6,652	-----	-----	-----	6,277
L-2*	Blue Ribbon Coal Co.....	Marion	49,563	-----	-----	-----	46,563
L-3	Moren Coal Co.....	Marion	40,305	-----	-----	-----	37,760
L-4	Rock Creek Coal Co.....	Marion	283	-----	-----	-----	283
L-5	Spillertown Mining Co.....	Marion	3,820	-----	-----	-----	3,060
L-6	Rogers & Stover Coal Co.....	Marion	1,771	-----	-----	-----	1,761
L-7	Willow Spring Coal Co.....	Marion	18,506	-----	-----	-----	18,506
L-8	Vallie Corder.....	Marion	16,054	-----	-----	-----	12,914
L-9	Ogmore Coal Co.....	Marion	5,740	-----	-----	-----	5,740
L-10*	Springhart Bros., No. 2.....	Marion	605	-----	-----	-----	605
L-10*	Cogdill Coal Co.....	Marion	130	-----	-----	-----	130
L-13	Ray Hendrickson Coal Co.....	Marion	1,000	-----	-----	-----	840
L-14	Askev & White.....	Marion	471	-----	-----	-----	471
L-15	Will Sizemore.....	Carterville	192	-----	-----	-----	192
L-16	Klean Coal Co.....	Marion	4,917	-----	-----	-----	4,917
L-17	Dogwood Coal Co.....	Herrin	4,141	-----	-----	-----	4,100
L-18	Walnut Valley Coal Co.....	Marion	6,173	-----	-----	-----	6,160
L-20	Cedar Hill Coal Co.....	Marion	5,646	-----	-----	-----	5,646
L-21	B. & L. Coal Co.....	Johnston City	4,382	-----	-----	-----	3,022
L-22	Brown & Roberts.....	Marion	3,253	-----	-----	-----	2,153
L-24	Sims Coal Co.....	Marion	17,280	-----	-----	-----	16,780
L-26	Sunny Brook Coal Co.....	Marion	9,871	-----	-----	-----	9,871
L-28	Quality Coal Co.....	Marion	1,750	-----	-----	-----	1,500
L-29	Brayfield Coal Co.....	Carbondale	5,877	-----	-----	-----	5,233
L-32	Chas. Moore & Son.....	Marion	27,243	-----	-----	-----	27,243
L-33	New Black Diamond Coal Co., No. 4.....	Marion	54,191	-----	-----	-----	54,066
L-34*	Union Mining Co.....	Marion	1,700	-----	-----	-----	800
L-34*	Pinson Coal Co.....	Johnston City	3,367	-----	-----	-----	3,067
L-38	Bart McNeil Coal Co.....	Herrin	2,000	-----	-----	-----	2,000
L-40	Chas. J. Bruce.....	Marion	316	-----	-----	-----	316
L-41	Helm Coal Co., No. 3.....	Stonefort	4,120	-----	-----	-----	3,296

* Number of employees, mining machines, motors and animals underground averaged account different management of same mine.

TWELFTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kgs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
-----	-----	2	8	1	-----	-----	-----	-----	-----	-----	20	-----	-----	L-4

TWELFTH DISTRICT.

240	-----	*93	15	-----	-----	-----	100	*3	*1	7,602	-----	-----	5	*Z-1
800	567	*99	44	-----	-----	-----	3,250	*3	*1	18,789	-----	-----	5	*Z-1
26,409	4,588	305	116	-----	-----	-----	50,100	8	21	302,307	-----	-----	-----	Z-3
-----	-----	94	191	-----	21,000	-----	-----	-----	-----	-----	-----	454,407	-----	Z-4
-----	-----	29	132	-----	10,000	-----	-----	-----	-----	-----	-----	96,210	-----	Z-7
156	807	220	59	-----	-----	-----	10,900	3	7	54,859	-----	-----	3	Z-9
3,411	2,180	57	105	-----	27,250	-----	-----	-----	-----	-----	-----	112,210	-----	Z-13
-----	-----	316	177	-----	-----	-----	137,050	5	10	543,701	-----	-----	3	Z-17
-----	-----	62	190	-----	62,000	-----	-----	2	2	144,402	-----	-----	10	Z-19
-----	-----	83	141	-----	-----	-----	-----	4	2	190,191	-----	-----	-----	Z-20
-----	-----	9	154	-----	400	-----	-----	-----	-----	6,700	-----	-----	2	Z-21
-----	-----	24	9	-----	225	-----	-----	-----	-----	-----	-----	2,687	-----	Z-20
-----	-----	28	70	-----	210	-----	-----	1	-----	12,235	-----	-----	2	L-1
-----	-----	35	124	-----	2,000	-----	-----	1	-----	11,956	-----	-----	9	L-5
31,016	12,935	1,358	117	610	122,475	-----	201,400	27	43	1,286,042	6,700	665,514	34	-----
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	375	*49	25	-----	1,275	-----	-----	*2	*1	6,652	-----	-----	7	*L-2
-----	3,000	*49	229	-----	8,175	-----	-----	*2	*1	49,563	-----	-----	7	*L-2
1,045	1,500	28	231	-----	400	-----	-----	1	-----	40,305	-----	-----	4	L-3
-----	-----	4	35	-----	150	-----	-----	-----	-----	-----	283	-----	1	L-4
250	480	18	39	-----	10,500	-----	-----	1	-----	3,820	-----	-----	4	L-5
-----	10	6	162	-----	400	-----	-----	-----	-----	-----	1,771	-----	2	L-6
-----	-----	14	240	-----	3,875	-----	-----	1	-----	18,506	-----	-----	4	L-7
800	2,340	13	167	-----	6,050	-----	-----	1	-----	16,054	-----	-----	4	L-8
-----	-----	10	205	-----	375	-----	-----	-----	-----	-----	5,740	-----	1	L-9
-----	-----	*5	24	-----	30	-----	-----	-----	-----	-----	605	-----	1	*L-10
-----	-----	*3	32	-----	10	-----	-----	-----	-----	-----	130	-----	1	*L-10
40	120	5	100	-----	225	-----	-----	-----	-----	-----	1,000	-----	2	L-13
-----	-----	4	40	-----	1,000	-----	-----	-----	-----	-----	471	-----	1	L-14
-----	-----	3	13	-----	4	-----	-----	-----	-----	-----	192	-----	1	L-15
-----	-----	10	123	-----	307	-----	-----	-----	-----	-----	4,917	-----	3	L-16
-----	-----	10	176	-----	285	-----	-----	-----	-----	-----	4,141	-----	1	L-17
41	-----	9	207	-----	472	-----	-----	-----	-----	-----	6,173	-----	1	L-18
13	-----	8	106	-----	106	-----	2,000	-----	-----	-----	5,646	-----	3	L-20
-----	-----	9	107	-----	4,400	-----	-----	-----	-----	-----	4,382	-----	1	L-21
360	1,000	4	135	-----	3,000	-----	-----	-----	-----	-----	3,253	-----	2	L-22
-----	1,100	12	216	-----	225	-----	-----	1	-----	17,280	-----	-----	2	L-24
-----	-----	9	81	-----	3,000	-----	-----	-----	-----	-----	9,871	-----	3	L-26
250	-----	8	105	-----	1,600	-----	-----	-----	-----	-----	1,750	-----	4	L-28
20	624	10	254	-----	371	-----	-----	-----	-----	-----	5,877	-----	2	L-29
-----	-----	12	268	-----	236	-----	-----	1	1	27,243	-----	-----	1	L-32
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
20	105	35	210	-----	10,840	-----	-----	3	1	54,191	-----	-----	5	L-33
900	-----	*4	50	-----	1,000	-----	-----	-----	-----	-----	1,700	-----	1	*L-34
300	-----	*5	260	-----	3,000	-----	-----	-----	-----	-----	3,367	-----	1	*L-34
-----	-----	9	90	-----	40	-----	-----	-----	-----	-----	2,000	-----	1	L-38
-----	-----	3	42	-----	40	-----	-----	-----	-----	-----	316	-----	1	L-40
-----	824	4	186	-----	6,250	-----	-----	-----	-----	-----	4,120	-----	1	L-41

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
L-42	Cherry Hill Mine.....	Marion.....	8,181	-----	-----	-----	8,126
L-44	A. O. Strobel.....	Marion.....	4,825	-----	-----	-----	4,745
L-45*	Motsinger & Harris.....	Pittsburg.....	2,500	-----	-----	-----	1,880
L-45*	Red Dot Coal Co.....	Marion.....	3,393	-----	-----	-----	2,493
L-46	Black Diamond Coal Co.....	Marion.....	1,865	-----	-----	-----	1,655
L-47	Howerton Coal Co.....	Marion.....	8,494	-----	-----	-----	8,229
L-48	Black Crystal Coal Co.....	Marion.....	3,490	-----	-----	-----	2,890
L-51*	New Muddy Valley Coal Co.....	Blairsville.....	240	-----	-----	-----	150
L-51*	Blairsville Mining Co.....	Carterville.....	200	-----	-----	-----	140
L-52	Carter Coal Co.....	Carterville.....	1,106	-----	-----	-----	1,106
L-53	Hickey Mine.....	Marion.....	3,100	-----	-----	-----	2,760
L-54	Sunshine Coal Co.....	Marion.....	52	-----	-----	-----	52
L-55	Gulledge & Rushing, No. 2.....	Marion.....	541	-----	-----	-----	541
L-57	A. Singley.....	Cambria.....	190	-----	-----	-----	163
L-58	Mitchell Coal Co.....	Marion.....	7,135	-----	-----	-----	7,135
L-61	West Coal Co.....	Marion.....	1,157	-----	-----	-----	1,055
L-62	Young Bros.....	Carterville.....	132	-----	-----	-----	132
L-63	Rushing Coal Co.....	Carterville.....	1,500	-----	-----	-----	1,500
L-65	Herrin Coal Co.....	Marion.....	2,100	-----	-----	-----	1,925
L-66	Steel Tipple Coal Co.....	Marion.....	31,027	-----	-----	-----	30,244
L-72	Cambria Coal Co.....	Cambria.....	5,940	-----	-----	-----	5,748
L-73	White Heat Coal Co.....	Johnston City.....	1,000	-----	-----	-----	1,000
L-77	Stroud Mine.....	Marion.....	40	-----	-----	-----	40
L-80	Gabriel Coal Co.....	Marion.....	341	-----	-----	-----	341
L-83	McDannell & Mathews.....	Marion.....	279	-----	-----	-----	279
L-88*	W. H. B. Coal Co.....	Marion.....	2,056	-----	-----	-----	1,950
L-88*	Oak Grove Coal Co.....	Marion.....	11,521	-----	-----	-----	10,791
L-91	Roy Atwood.....	Marion.....	2,263	-----	-----	-----	2,263
L-101	Turner Coal Co.....	Marion.....	5,000	-----	-----	-----	5,000
L-102	Pea Ridge Coal Co.....	Carterville.....	483	-----	-----	-----	483
L-103	Pulley Coal Co., No. 2.....	Marion.....	1,040	-----	-----	-----	1,040
L-109	Black Banner Coal Co.....	Marion.....	18,000	-----	-----	-----	18,000
L-125	Southern Jewel Coal Co.....	Marion.....	1,184	-----	-----	-----	1,184
L-128	Egypt Coal Co.....	Marion.....	18,857	-----	-----	-----	18,850
L-129	Crab Orchard Coal Co.....	Marion.....	871	-----	-----	-----	800
L-134	Phillips-Vaughn-Snyder.....	De Soto.....	965	-----	-----	-----	925
L-135	Beitz Coal Co.....	Carterville.....	254	-----	-----	-----	239
L-136	Springhart Mine, No. 4.....	Marion.....	500	-----	-----	-----	315
L-137	Hill Coal Co., No. 2.....	Stonewort.....	2,579	-----	-----	-----	2,525
L-139	Diamond Star Coal Co.....	Marion.....	2,689	-----	-----	-----	2,689
L-140*	Yearack Bros. Coal Co.....	Marion.....	237	-----	-----	-----	237
L-140*	Yearack Bros.....	Marion.....	637	-----	-----	-----	637
L-140*	Egyptian Coal Co.....	Marion.....	1,439	-----	-----	-----	1,439
L-141*	Green Valley Coal Co.....	Marion.....	2,241	-----	-----	-----	2,241
L-141*	Winning Coal Co.....	Marion.....	4,378	-----	-----	-----	4,378
L-142	New Superior Mine.....	Marion.....	9,205	-----	-----	-----	9,177
L-144	Rodgers Coal Co.....	Stonewort.....	86	-----	-----	-----	79
L-146	Blue Bell Coal Co.....	Marion.....	1,277	-----	-----	-----	1,277
L-147	The Plumlee Coals.....	Cambria.....	4,941	-----	-----	-----	4,941
L-148	Sunrise Coal Co.....	Cambria.....	2,990	-----	-----	-----	829
L-149	P. & G. Coal Co.....	Marion.....	1,135	-----	-----	-----	1,135
L-150	New Black Diamond Coal Co., No. 5.....	Marion.....	1,245	-----	-----	-----	1,235
L-151	New Black Diamond Coal Co., A.....	Marion.....	2,211	-----	-----	-----	2,200
L-152	Prosperity Coal Co.....	Carterville.....	5,008	-----	-----	-----	5,008
L-153	Poole Coal Co.....	Marion.....	550	-----	-----	-----	440
L-155	Square Deal Coal Co., No. 1.....	Marion.....	396	-----	-----	-----	396
L-156	Templeton & McCutcheon, No. 1.....	Carterville.....	175	-----	-----	-----	174
L-157	Sixth Vein Coal Co.....	Marion.....	650	-----	-----	-----	650
80 local mines total.....			497,240	-----	-----	-----	473,128
93 all mines total.....			2,455,496	1,433,468	443,078	-----	510,887

* Number of employees, mining machines, motors and animals underground averaged account different management of same mine.

TWELFTH DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
35	20	12	240	235	-----	-----	-----	1	-----	8,181	-----	-----	2	L-42
5	75	7	270	-----	1,500	-----	-----	1	-----	4,825	-----	-----	1	L-44
20	600	*9	42	120	-----	-----	-----	-----	-----	-----	2,500	-----	1	*L-45
100	800	*4	96	200	-----	-----	-----	-----	-----	-----	3,393	-----	1	*L-45
10	200	4	180	-----	4,100	-----	-----	-----	-----	-----	1,865	-----	1	L-46
265	-----	13	197	-----	4,250	-----	-----	2	-----	8,494	-----	-----	2	L-47
-----	600	13	125	220	-----	-----	-----	-----	-----	-----	3,490	-----	1	L-48
90	-----	*6	90	40	-----	-----	-----	-----	-----	-----	240	-----	1	*L-51
60	-----	*4	16	-----	-----	-----	-----	-----	-----	-----	200	-----	1	*L-51
-----	-----	4	55	37	3,600	-----	-----	-----	-----	-----	1,106	-----	1	L-52
40	300	7	166	-----	-----	-----	-----	-----	-----	-----	3,100	-----	1	L-53
-----	-----	3	16	4	-----	-----	-----	-----	-----	-----	52	-----	1	L-54
-----	-----	5	47	36	-----	-----	-----	-----	-----	-----	541	-----	1	L-55
7	20	5	33	20	-----	-----	-----	-----	-----	-----	190	-----	1	L-57
-----	-----	9	270	590	-----	-----	-----	-----	-----	-----	7,135	-----	2	L-58
102	-----	6	96	-----	1,175	-----	-----	1	-----	35	1,122	-----	1	L-61
-----	-----	2	90	7	-----	-----	-----	-----	-----	-----	-----	132	-----	L-62
-----	-----	5	200	125	-----	-----	-----	-----	-----	-----	1,500	-----	1	L-63
25	150	9	168	-----	800	-----	-----	1	-----	2,100	-----	-----	3	L-65
783	-----	15	280	-----	7,400	-----	-----	2	-----	31,027	-----	-----	3	L-66
192	-----	10	200	300	-----	-----	-----	-----	-----	-----	5,940	-----	1	L-72
-----	-----	4	225	-----	1,000	-----	-----	-----	-----	-----	1,000	-----	1	L-73
-----	-----	2	10	1	-----	-----	-----	-----	-----	-----	-----	40	-----	L-77
-----	-----	2	70	-----	750	-----	-----	-----	-----	-----	341	-----	1	L-80
-----	-----	3	26	12	-----	-----	-----	-----	-----	-----	279	-----	1	L-83
136	-----	*10	68	-----	2,500	-----	-----	*	*	-----	2,086	-----	1	*L-88
730	-----	*13	115	-----	2,000	-----	-----	*1	*	11,521	-----	-----	2	*L-88
-----	-----	12	200	-----	2,500	-----	-----	1	-----	5,000	-----	2,263	-----	L-91
-----	-----	3	92	63	-----	-----	-----	-----	-----	-----	483	-----	2	L-101
-----	-----	4	121	-----	125	-----	-----	-----	-----	-----	1,040	-----	1	L-102
-----	-----	13	240	180	-----	-----	-----	1	-----	18,000	-----	-----	1	L-103
-----	-----	5	58	120	-----	-----	-----	-----	-----	-----	1,184	-----	2	L-109
-----	7	10	192	-----	-----	-----	-----	420	-----	-----	-----	18,857	2	L-125
71	-----	2	76	-----	87	-----	-----	-----	-----	-----	-----	871	-----	L-128
-----	-----	4	163	103	-----	-----	-----	-----	-----	-----	965	-----	1	L-129
15	40	3	60	10	-----	-----	-----	1	-----	167	87	-----	1	L-134
25	160	4	50	25	-----	-----	-----	1	-----	500	-----	-----	1	L-135
54	-----	5	164	-----	4,000	-----	-----	-----	-----	-----	5,279	-----	1	L-136
-----	-----	6	135	210	-----	-----	-----	-----	-----	-----	2,689	-----	1	L-137
-----	-----	*3	40	6	-----	-----	-----	*1	-----	142	95	-----	1	L-139
-----	-----	*5	42	26	-----	-----	-----	*1	-----	637	-----	-----	-----	*L-140
-----	-----	*6	180	10	450	-----	-----	*1	-----	1,239	200	-----	-----	*L-140
-----	-----	*5	180	-----	1,850	-----	-----	*1	-----	1,833	408	-----	2	*L-141
-----	-----	*9	127	-----	1,150	-----	-----	*1	-----	4,378	-----	-----	1	*L-141
28	-----	10	160	-----	4,602	-----	-----	-----	-----	-----	9,205	-----	2	L-142
7	-----	2	40	-----	150	-----	-----	-----	-----	-----	86	-----	-----	L-144
-----	-----	5	60	140	-----	-----	-----	-----	-----	-----	1,277	-----	1	L-146
-----	-----	5	200	170	-----	-----	-----	1	-----	3,941	1,000	-----	1	L-147
1,621	540	4	149	144	-----	-----	-----	-----	-----	-----	2,990	-----	1	L-148
-----	-----	4	80	-----	600	-----	-----	1	-----	568	567	-----	1	L-149
10	-----	4	63	-----	249	-----	-----	1	-----	1,245	-----	-----	1	L-150
11	-----	5	72	-----	442	-----	-----	-----	-----	-----	-----	-----	1	L-151
-----	-----	16	122	185	-----	-----	-----	1	-----	2,211	-----	-----	2	L-152
-----	110	3	60	16	-----	-----	-----	-----	-----	-----	550	-----	1	L-153
-----	-----	4	45	45	-----	-----	-----	-----	-----	-----	396	-----	1	L-155
1	-----	3	10	6	-----	-----	-----	-----	-----	-----	175	-----	1	L-156
-----	-----	5	52	45	-----	-----	-----	-----	-----	-----	650	-----	-----	L-157
9,012	15,100	634	137	7,005	111,395	-----	-----	420	30	2	339,658	135,419	22,163	121
40,028	28,035	1,992	134	7,615	233,870	-----	-----	201,820	57	45	1,625,700	142,119	687,677	155

TWELFTH DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to loco-motives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Williamson.....	13	1,958,256	1,433,468	443,078	-----	37,759	31,016	12,935

LOCAL

Johnson.....	1	20	-----	-----	-----	20	-----	-----
Williamson.....	80	497,240	-----	-----	-----	473,128	9,012	15,100
Total.....	81	497,260	-----	-----	-----	473,148	9,012	15,100

ALL

Johnson.....	1	20	-----	-----	-----	20	-----	-----
Williamson.....	93	2,455,496	1,433,468	443,078	-----	510,887	40,028	28,035
Total.....	94	2,455,516	1,433,468	443,078	-----	510,907	40,028	28,035

RECAPITULATION BY COUNTIES.

Total em- ployes.	Days oper- ated.	Explosives used for blasting coal.				Number of mining ma- chines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Pow- der— kegs.	Pellet pow- der— pounds.	Dyna- mite— pounds.	Permis- sible— pounds.			Machine.	Hand.	Stripping.	
1,358	117	610	122,475	-----	201,400	27	43	1,286,042	6,700	665,514	34

MINES.

2	8	1	-----	-----	-----	-----	-----	20	-----	-----	-----
634	137	7,005	111,395	-----	420	30	2	339,658	135,419	22,163	121
636	135	7,006	111,395	-----	420	30	2	339,658	135,439	22,163	121

MINES.

2	8	1	-----	-----	-----	-----	-----	20	-----	-----	-----
1,992	134	7,615	233,870	-----	201,820	57	45	1,625,700	142,119	687,677	155
1,994	133	7,616	233,870	-----	201,820	57	45	1,625,700	142,139	687,677	155

SUPPLEMENT

Report of Division of Inspection.

Report of Division of Miners' Examination.

Report of Division of Mine Rescue.

Report of Division of Economic Investigation.

Report of State Mining Board.

List of candidates issued certificates of competency as State Mine Inspectors, Mine Managers, Mine Examiners and Hoisting Engineers.

REPORT OF DIVISION OF INSPECTION

The report of services rendered by the State Inspectors of Mines is shown as follows:

Days inspecting mines.....	1,483
Other classified service.....	820
Miscellaneous service	1,672
	<hr/>
Total days	3,975
Average days for each inspector.....	309
Average days inspection of mines.....	115
Average days other classified service.....	64
Average days miscellaneous service.....	131
Number inspections made.....	1,659
Average inspections for each inspector.....	127

SUMMARY OF SPECIFIC WORK REPORT FOR 1939.

District.	Inspecting mines.						Other classified duties—days worked.						Miscellaneous services.					
	Shipping.		Local.		Total.		Per cent of time inspecting mines.	Investigating accidents.	Test- ing scales.	Investi- gating com- plants.	Office work.	Travel- ing.	Total days in other classi- fied duties.	Per cent of time in other classi- fied duties.	Days worked.	Per cent of time.	Total days.	
	Num- ber in- spected.	Days worked.	Num- ber in- spected.	Days worked.	Num- ber in- spected.	Days worked.												
First.....	18	20	91	49	109	69	22.4	5	---	4	77	3	89	28.9	150	48.7	308	
Second.....	3	4	112	60	115	64	20.6	9	---	4	33	1	47	15.1	200	64.3	311	
Third.....	26	21	129	51	155	72	23.2	8	---	6	37	3	54	17.3	185	59.5	311	
Fourth.....	18	35	78	54	96	89	28.3	20	7	15	47	---	89	28.3	136	43.4	314	
Fifth.....	20	34	172	151	192	185	58.9	6	---	---	---	---	13	4.2	116	36.9	314	
Sixth.....	46	81	66	36	112	117	38.0	11	---	10	42	1	64	20.8	127	41.2	308	
Seventh.....	24	52	60	45	84	97	31.2	6	---	---	104	1	116	37.3	98	31.5	311	
Eighth.....	27	29	30	33	57	62	19.9	11	---	8	67	1	87	27.9	163	52.2	312	
Ninth.....	75	88	127	89	202	177	61.0	2	---	---	28	3	39	13.4	74	25.6	290	
Tenth.....	38	142	5	2	43	144	46.8	18	---	4	30	6	58	18.8	106	34.4	308	
Eleventh.....	88	81	59	48	97	129	41.1	18	3	---	---	6	60	19.1	125	39.8	314	
Twelfth.....	36	34	269	197	305	231	74.5	5	---	---	1	33	9	48	15.5	31	10.0	310
Thirteenth.....	5	8	6	5	11	13	9.8	1	---	3	20	---	24	18.2	95	72.0	132	
Fourteenth.....	---	---	81	34	81	34	25.8	1	---	---	18	---	32	24.2	66	50.0	132	
Total.....	374	629	1,285	854	1,659	1,483	37.3	125	12	60	576	47	820	20.6	1,672	42.1	3,975	

• 13th and 14th Districts, August to December, inclusive.

DATE AND PLACE OF MEETING, NUMBER OF APPLICANTS, NUMBER OF
CERTIFICATES ISSUED AND AMOUNT OF FEES COLLECTED.

Date.	Place of meeting.	Number of successful candidates.	Number of certificates issued.	Fees collected
Jan.	3 LaSalle.....			
	4 Rock Island.....			
	5 Canton.....	14	14	\$28.00
	6 Peoria.....	25	25	50.00
	10 Edwardsville.....			
	11 West Frankfort.....	11	11	22.00
	12 Harrisburg.....	12	12	24.00
	13 DuQuoin.....	9	9	18.00
	14 Belleville.....	6	6	12.00
	17 Danville.....	14	14	28.00
	18 Decatur.....	2	2	4.00
	19 Springfield.....	6	6	12.00
Feb.	7 LaSalle.....	1	1	2.00
	8 Kewanee.....	2	2	4.00
	9 Canton.....	3	3	6.00
	10 Peoria.....	2	2	4.00
	14 Edwardsville.....			
	15 West Frankfort.....	5	5	10.00
	16 Harrisburg.....	3	3	6.00
	17 Centralia.....	3	3	6.00
	18 Belleville.....	7	7	14.00
	21 Danville.....	8	8	16.00
	22 Pana.....	2	2	4.00
	23 Springfield.....	5	5	10.00
Mar.	7 Edwardsville.....			
	8 West Frankfort.....	2	2	4.00
	9 Harrisburg.....	9	9	18.00
	10 Carbondale.....	8	8	16.00
	11 Belleville.....	5	5	10.00
	14 LaSalle.....	2	2	4.00
	15 Galesburg.....	5	5	10.00
	16 Canton.....	5	5	10.00
	17 Peoria.....	5	5	10.00
	21 Danville.....	3	3	6.00
	22 Decatur.....	5	5	10.00
	23 Springfield.....	6	6	12.00
April	5 LaSalle.....	2	2	4.00
	6 Rock Island.....			
	7 Farmington.....	3	3	6.00
	8 Peoria.....	3	3	6.00
	11 Edwardsville.....	1	1	2.00
	12 West Frankfort.....	12	12	24.00
	13 Eldorado.....	1	1	2.00
	14 DuQuoin.....	8	8	16.00
	15 Belleville.....			
	19 Danville.....			
	20 Taylorville.....	11	11	22.00
	21 Springfield.....			
May	2 LaSalle.....	1	1	2.00
	3 Galesburg.....			
	4 Canton.....	1	1	2.00
	5 Peoria.....			
	9 Edwardsville.....			
	10 West Frankfort.....	1	1	2.00
	11 Harrisburg.....			
	12 Murphysboro.....	1	1	2.00
	13 Belleville.....			
	16 Danville.....	1	1	2.00
	17 Decatur.....			
	18 Springfield.....			
June	No meetings held.			
July	No meetings held.			
Aug.	28 DuQuoin.....	2	2	4.00
	Canton.....	2	2	4.00
	Harrisburg.....	7	7	14.00
	29 Edwardsville.....			
	Macomb.....			
	Benton.....	13	13	26.00
	Beuld.....			

DATE AND PLACE OF MEETING, NUMBER OF APPLICANTS, NUMBER OF CERTIFICATES
ISSUED AND AMOUNT OF FEES COLLECTED—Concluded.

Date.	Place of meeting.	Number of successful candidates.	Number of certificates issued.	Fees collected.
Sept.	30 Danville.....	-----	-----	-----
	Central City.....	-----	-----	-----
	Peoria.....	-----	-----	-----
	Belleville.....	-----	-----	-----
	Springfield.....	-----	-----	-----
	31 Herrin.....	5	5	\$10.00
	LaSalle.....	1	1	2.00
	12 Livingston.....	-----	-----	-----
	Peoria.....	3	3	6.00
	13 Harrisburg.....	1	1	2.00
Oet.	19 Herrin.....	3	3	6.00
	Nokomis.....	1	1	2.00
	Benton.....	5	5	10.00
	25 Galesburg.....	-----	-----	-----
	26 Rushville.....	-----	-----	-----
	27 Danville.....	1	1	2.00
	Sparta.....	7	7	14.00
	Belleville.....	-----	-----	-----
	Marseilles.....	4	4	8.00
	Central City.....	-----	-----	-----
Nov.	Taylorville.....	5	5	10.00
	10 Virden.....	1	1	2.00
	11 Harrisburg.....	7	7	14.00
	14 Peoria.....	6	6	12.00
	18 Danville.....	1	1	2.00
	Roodhouse.....	1	1	2.00
	23 DuQuoin.....	9	9	18.00
	24 Rock Island.....	4	4	8.00
	Benton.....	3	3	6.00
	25 LaSalle.....	2	2	4.00
Dec.	Beckemeyer.....	17	17	34.00
	Central City.....	17	17	34.00
	30 Canton.....	3	3	6.00
	31 Marion.....	11	11	22.00
	Kincaid.....	2	2	4.00
	4 Peoria.....	5	5	10.00
	6 Galesburg.....	23	23	46.00
	7 Danville.....	20	20	40.00
	Macomb.....	1	1	2.00
	Benton.....	6	6	12.00
Dec.	8 Bethalto.....	1	1	2.00
	Belleville.....	13	13	26.00
	Springfield.....	2	2	4.00
	Central City.....	-----	-----	-----
	LaSalle.....	2	2	4.00
	9 Herrin.....	-----	-----	-----
	10 DuQuoin.....	7	7	14.00
	Harrisburg.....	7	7	14.00
	14 Staunton.....	-----	-----	-----
	4 Danville.....	11	11	22.00
Dec.	Canton.....	-----	-----	-----
	Herrin.....	12	12	24.00
	5 Rushville.....	-----	-----	-----
	Benton.....	-----	-----	-----
	6 Troy.....	6	6	12.00
	Central City.....	-----	-----	-----
	Taylorville.....	3	3	6.00
	9 Peoria.....	4	4	8.00
	12 DuQuoin.....	12	12	24.00
	Harrisburg.....	3	3	6.00
Dec.	Gillespie.....	2	2	4.00
	13 Belleville.....	6	6	12.00
	LaSalle.....	2	2	4.00
Total.....		533	533	\$1,066.00

SUMMARY.

Place of meeting.	Meetings held.	Successful candidates.	Certificates issued.	Amount of fees collected.
Beckemeyer.....	1	17	17	\$ 34.00
Belleville.....	9	37	37	74.00
Bend.....	1			
Benton.....	4	27	27	54.00
Bethalto.....	1	1	1	2.00
Canton.....	7	28	28	56.00
Carbondale.....	1	8	8	16.00
Central City.....	5	17	17	34.00
Centralia.....	1	3	3	6.00
Danville.....	10	59	59	118.00
Decatur.....	3	7	7	14.00
DuQuoin.....	6	47	47	94.00
Edwardsville.....	6	1	1	2.00
Eldorado.....	1	1	1	2.00
Farmington.....	1	3	3	6.00
Galesburg.....	4	28	28	56.00
Gillespie.....	1	2	2	4.00
Harrisburg.....	9	49	49	98.00
Herrin.....	4	20	20	40.00
Kewanee.....	1	2	2	4.00
Kincaid.....	1	2	2	4.00
LaSalle.....	9	13	13	26.00
Livingston.....	1			
Macomb.....	2	1	1	2.00
Marion.....	1	11	11	22.00
Marseilles.....	1	4	4	8.00
Murphysboro.....	1	1	1	2.00
Nokomis.....	1	1	1	2.00
Pana.....	1	2	2	4.00
Peoria.....	10	53	53	106.00
Rock Island.....	3	4	4	8.00
Roodhouse.....	1	1	1	2.00
Rushville.....	1			
Sparta.....	1	7	7	14.00
Staunton.....	1			
Springfield.....	7	19	19	38.00
Taylorville.....	3	19	19	38.00
Troy.....	1	6	6	12.00
Virden.....	1	1	1	2.00
West Frankfort.....	5	31	31	62.00
Total.....	128	533	533	\$1,066.00

No meetings held in June and July.

DIVISION OF MINE RESCUE STATIONS

FIRST AID AND MINE RESCUE TRAINING.

Below is a tabulation of the candidates trained in first aid and mine rescue at Illinois Mine Rescue Stations:

	First aid.	Mine rescue.	Station totals.
Belleville.....	1,174	22	1,196
Benton.....	582	43	625
DuQuoin.....	946	2	948
Harrisburg.....	228	23	251
Herrin.....	1,563	61	1,624
LaSalle.....	127	46	173
Springfield.....	964	156	1,120
Totals.....	5,584	353	5,937

ONE HUNDRED PER CENT FIRST AID TRAINING.

During the year 1939, the following companies or organizations completed One Hundred Per Cent First Aid Training campaigns:

Eldorado Township High School.

Granite City Fire Department.

High School, Benton.

High School, Royalton.

High School, Valier.

Marshall Browning Hospital, DuQuoin.

W. P. A. and N. Y. A., Benton.

Union Colliery Co.

BELLEVILLE STATION.

(Condensed from reports.)

February 7—Supervised and assisted work of Mine Rescue Team of Beckemeyer Coal Company while building temporary stopping in 5th S. W. Entry in irrespirable atmosphere and wearing McCaa apparatus.

April 26—Received call at 9:00 A. M., from Vinegar Hill Coal Company that there was a fire in its mine. Arrived at 10:00 A. M., and found fire caused by burning coal in room 2, south entry and with team members wearing Burrell gas masks, succeeded in extinguishing fire at 2 P. M., by digging out burning coal and using water.

July 17—At 12:40 P. M., received call from Vinegar Hill Coal Company to bring team members and rescue apparatus to recover man supposed to be overcome underground. On reaching mine, found that the mine manager, John Gray, was missing and indications were that he had entered the mine by means of the airshaft and had not returned.

The fan was not running and safety lamp was extinguished at top of hoisting shaft indicating presence of CO₂. Team members, J. Buckrod, H. Feldman, C. Stuart and myself wearing McCaa apparatus went down on cage and found Gray lying about ten feet from the shaft bottom, apparently dead. We brought him to the surface where artificial respiration and the inhalator failed to revive him.

October 10—Called to Travis Coal Company mine to help recover and render first aid to man buried by fall of slate.

BENTON STATION.

(Condensed from reports.)

June 2—Received call at 9:30 P. M., to bring H-H Inhalator to Christopher where two boys, Howard McGlasson, aged 18 years and Irwin Downen, aged 19 years had drowned. The bodies were recovered after one hour and ten minutes. I arrived at Christopher at 9:45 P. M., with two Inhalators and started to work at once on the boys using inhalators and artificial respiration, which we continued to give until 11:00 P. M., when Doctors Love and Ruthford pronounced them dead. These doctors assisted in trying to revive them.

June 23—At 2:10 P. M., I received a call to bring Inhalator to Old Ben Mine No. 16 near Sesser as Harry Bellamy, aged 26 years, of West Frankfort had been drowned while he was out in an old boat fishing at 9:00 A. M. His body was not recovered until 1 P. M. I arrived at scene at 2:30 P. M. He had just been pronounced dead by Doctor Hart of Sesser who had tried to revive him by giving him stimulant and artificial respiration from 1 P. M. to 2:30 P. M. I did not use the inhalator.

DuQUOIN STATION.

(Condensed from reports.)

July 21—Received call for inhalator to be used at City Reservoir about 6 P. M. Arthur Cook, a youth of 19, fell from a motor boat whirling at high speed. The body was recovered after about two hours. We worked incessantly for two hours, using inhalator and artificial respiration, even after the doctor pronounced him dead.

HARRISBURG STATION.

(Condensed from reports.)

May 24—Received call at 10:50 A. M., from Wasson Coal Co. We answered call immediately and learned that Jesse T. Cannon had been electrocuted by coming in contact with a live wire. We went to the scene of the accident and worked without success four hours, using inhalator and artificial respiration when he was pronounced dead by Doctor Cummins.

July 24—Received call at 3:15 P. M., from South Harrisburg for inhalator in the case of Mrs. Kate Sweat who had committed suicide by drowning in a pond. We arrived at 3:25 and worked with her for thirty minutes without success when she was pronounced dead by Dr. N. A. Hermann.

August 14—Received call at 8:10 P. M., from Blue Bird Coal Company in the case of Everett Evans who was electrocuted while working with a loading machine. We answered the call immediately, arriving at the scene at 8:30 P. M. Worked with him for thirty minutes using the inhalator and artificial respiration without success when he was pronounced dead by Dr. B. E. Montgomery.

HERRIN STATION.

(Condensed from reports.)

February 23—Mrs. Claude Brown died by her own hands by inhaling gas. Was called to Carterville and used inhalator for one and one-half hours. Two doctors pronounced her dead after that time.

LaSALLE STATION.

(Condensed from reports.)

January 27—Team called to Hill Top Mine for purpose of putting in stoppings to smother a fire. Was successful in smothering fire after about twenty hours.

February 3—Called by Illinois-Iowa Power Company to test for carbon monoxide in apartments over garage. After careful check, found only source of CO was from automobile exhaust at certain times, also from small gas burning water heater which had no outside chimney.

May 21—Received call to assist firemen in an attempt to revive woman overcome with illuminating gas. Patient pronounced dead soon after I responded to call.

May 24—Called to Toluca. Body reported down abandoned mine shaft. Doubted body being in shaft, however, saw pictures on May 31 showing man's body at bottom. Spent two days trying to hook body to bring it to surface. Received orders on June 8 to recover body. Same recovered 10:30 P. M., June 10.

SPRINGFIELD STATION.

(Condensed from reports.)

January 26—Called to mine fire at Hill Top Coal Company, four miles west of Peoria on R. No. 1. Call received 1:00 P. M. Went under ground 4:30 P. M. Returned to surface 2:00 P. M., January 27th. Erected three seals and was relieved by LaSalle team.

June 1—Call from Panther Creek Coal Company No. 4, Springfield, reporting children heard from in the mine which was closed down. The call was supposed to come from an underground telephone and children's voices were heard. Investigated with three team members. False report.

September 19—Called to mine fire, Bryan Eddy mine, one mile southeast of Cantrall. Superintendent went to mine and assisted employees to put out fire, Cantrall Fire Department furnishing their fire engine.

October 6—Received call, mine fire, Cantrall Mining Company near Cantrall. Advised operator and fire was sealed by employees.

REPORT OF DIVISION OF ECONOMIC INVESTIGATION

The following tables will show the activities of the various industries under this division :

TABLE 1—LIMESTONE.

No.	Name of operator.	Location of plant.		Production in tons.	Number employed.	Days worked.	Explosives used.		Accidents.	
		Post office.	County.				Powder—pounds.	Dynamite—pounds.	Fatal.	Non-fatal.
1	Alpha Portland Cement Co.	LaSalle.....	LaSalle.....	199,975	161	196	---	42,550	1	---
2	Anna Quarries.....	Anna.....	Union.....	185,000	40	180	---	54,000	---	6
3	Beck & Masties.....	Galenda.....	Hardin.....	32,545	12	242	---	3,000	---	---
4	Black Stone Lime Co.	Quincy.....	Adams.....	20,632	26	300	---	10,000	---	3
5	Charles Stone Co., The	Rockford.....	Johnson.....	5,800	50	---	---	8,787	---	10
6	City of Rockford.....	Rockford.....	Winnebago.....	16,344	69	---	---	3,757	---	2
7	Columbia Quarry Co.	Columbia.....	St. Clair.....	423,360	87	273	---	127,150	1	---
8	Elmhurst-Chicago Stone Co.	Elmhurst.....	DuPage.....	223,000	16	134	---	43,350	---	11
9	Gray Quarries.....	Hamilton.....	Chenook.....	18,000	8	300	---	7,000	---	5
10	Holtgraves' Quarry.....	Bressa.....	Clinton.....	18,300	30	305	---	3,000	---	6
11	Illinois State Penitentiary.....	Menard.....	Clinton.....	38,787	600	218	---	12,000	---	---
12	Indiana Township.....	Toka.....	Madison.....	---	30	---	---	---	---	---
13	Jefferson County Highway Dept.	Mt. Vernon.....	Jefferson.....	---	100	200	---	10,000	---	1
14	Lehigh Portland Cement Co.	Oglesby.....	LaSalle.....	211,807	273	346	---	66,300	---	---
15	Lehigh Stone Co.	Lehigh.....	Kankakee.....	340,300	87	224	---	85,200	---	19
16	Lincoln Crushed Stone Co.	Salem.....	Will.....	237,640	25	253	---	70,000	---	5
17	Marion County Highway Dept.	Salem.....	Marion.....	36,000	100	250	---	10,000	---	20
18	Marquette Cement Mfg. Co.	LaSalle.....	LaSalle.....	694,796	440	254	---	134,970	---	---
19	Mississippi Lime Co.	Alton.....	Madison.....	188,900	39	300	---	22,150	---	2
20	Morris Limestone Products Co.	Morris.....	Kendall.....	28,300	8	100	---	9,250	---	---
21	National Stone Co.	Joliet.....	Will.....	207,843	35	167	---	72,250	---	2
22	O'Brien's Quarry.....	Cave-in-Rock.....	Hardin.....	18,255	15	200	---	5,600	---	6
23	United States Gypsum Co.	Rock Island.....	Rock Island.....	52,093	23	250	---	10,000	---	---
24	Wachtel & Armstrong.....	Hecker.....	St. Clair.....	4,000	6	105	---	6,000	---	8
25	Washington County.....	Nashville.....	Washington.....	20,000	50	250	---	6,000	---	12
26	Washington County.....	Hecker.....	Monroe.....	20,000	50	250	---	6,000	---	---
27	Edward Weber.....	Carlyle.....	Clinton.....	5,000	18	64	---	800	---	---
28	W. P. A.....	Carlyle.....	Clinton.....	17,888	40	307	---	7,000	---	6
29	W. P. A.....	Carlyle.....	Clinton.....	14,480	30	305	---	7,000	---	6
30	W. P. A.....	Carlyle.....	Clinton.....	10,808	24	281	---	5,000	---	---
31	W. P. A.....	Murphysboro.....	Jackson.....	50,869	210	298	---	11,425	---	86
32	W. P. A.....	Mt. Vernon.....	Jefferson.....	40,621	85	250	---	10,000	---	250
33	W. P. A.....	Kankakee.....	Kankakee.....	7,000	---	---	---	---	---	---

TABLE 1—LIMESTONE—Concluded.

No.	Name of operator.	Location of plant.		Production in tons.	Number employed.	Days worked.	Explosives used.		Accidents.	
		Post office.	County.				Powder—pounds.	Dynamite—pounds.	Fatal.	Non-fatal.
34	W. P. A.	Waterloo	Monroe	8,670	70	195	---	2,856	---	---
35	W. P. A.	Pinckneyville	Monroe	79,720	170	187	---	---	---	6
36	W. P. A.	Reel Bl.	Perry	79,765	---	---	---	---	---	---
37	W. P. A.	Ballville	St. Clair	72,530	80	250	---	---	---	9
38	W. P. A.	Alma Cave	Williamson	92,082	90	165	---	27,370	---	---
39	W. P. A.	Great Springs	Williamson	91,052	115	165	---	---	---	---
40	W. P. A., Dist. No. 2	Peoria	Peoria	452,607	1,500	190	---	---	---	---
41	W. P. A., Dist. No. 3	Leont	Cook	26,000	30	160	---	---	---	---
42	W. P. A., Dist. No. 3	Chicago	Cook	30,378	43	160	---	50	1	27
43	W. P. A., Dist. No. 4	Decatur	Macon	10,482	---	---	---	---	---	---
Totals.				4,373,491	4,876	1195	---	910,558	3	509

* Not reported.

† Average.

TABLE 2—OIL AND GAS.

No.	Name of operator.	Post office address of the operator.	County in which the well is located.	Number of wells.	Production.		Number employed.	Explosives—nitro-glycerine—quarts.	Accidents—non-fatal.	Fatal accidents.
					Oil—barrels.	Gas—per 1,000 cu. ft.				
1	Abess Oil Co.	Casey, Ill.	Jefferson	2	29,280	---	1	---	---	---
2	R. B. Absher and John P. Booth.	Union National Bank Bldg., Wichita, Kans.	Marion	10	89,582	---	3	---	---	---
3	Adams Corners Oil Co.	Albendale, Ill.	Wabash	19	30,370	---	5	---	---	---
4	Alcona Oil Co., Inc.	491 Lehmann Bldg., Peoria, Ill.	Clinton	2	2,674	---	1	---	1	---
5	Alcona Oil Co., Inc.	491 Lehmann Bldg., Peoria, Ill.	Marion	7	33,403	---	1	---	---	---
6	American Oil Development Co.	169 Olive Bldg., Pittsburgh, Pa.	Crawford	95	14,904	---	8	---	---	---
7	J. P. Balcock.	211 Spicer Bldg., Paris, Ill.	Payette	7	83,183	---	3	---	175	---
8	Baldwin Oil Co.	115 E. Monroe St., Sreator, Ill.	Marion	6	430,217	---	3	---	140	---
9	Baldwin Oil Co.	115 E. Monroe St., Sreator, Ill.	White	3	16,922	---	1	---	---	---
10	W. N. Bartlett.	211 4th National Bank Bldg., Wichita, Kans.	Wabash	8	43,753	---	4	---	75	---
11	Belle Oil Co.	Box 133, Carlyle, Ill.	Clinton	4	10,300	---	3	---	40	---

12	Billsley & Tomberlin, Inc.	212 Rex Bldg., Salem, Ill.	Marion	2	36,155	200,000	2	120	---
13	Blackstock Brothers	212 Old National Bank Bldg., Evansville, Ind.	White	20	5,746	---	1	---	2
14	Bradford Oil Corp.	Robinson, Ill.	Crawford	11	217,677	---	1	---	---
15	Brennenan & MacDonell	312 S. Cole St., Lima, Ohio	Crawford	9	10,284	---	1	---	---
16	Brookside Oil & Gas Co.	c/o Wm. R. Murphy, Court House, Carlyle, Ill.	Clinton	4	28,800	---	1	---	---
17	A. Bruner	517 Wright Bldg., Tulsa, Okla.	Wayne	7	55,000	---	2	---	---
18	The Carter Oil Co.	Box 801, Tulsa, Okla.	Fayette	789	9,796,073	3,620,000	436	27,133	21
19	The Carter Oil Co.	Box 801, Tulsa, Okla.	Clay	1	6,292	700	1	---	---
20	The Carter Oil Co.	Box 801, Tulsa, Okla.	Clinton	2	12,608	---	1	---	---
21	The Carter Oil Co.	Box 801, Tulsa, Okla.	Jefferson	57	715,558	93,000	27	362	---
22	The Carter Oil Co.	Box 801, Tulsa, Okla.	Richland	4	17,033	3,600	1	---	---
23	The Carter Oil Co.	Box 801, Tulsa, Okla.	Wayne	2	8,348	1,500	1	---	---
24	Cascade Refining Co. & Cumberland Production Co.	Box 186, Salem, Ill.	Clinton	2	4,972	---	3	---	---
25	Cascade Refining Co. & Cumberland Production Co.	Box 186, Salem, Ill.	Marion	19	504,444	---	6	---	4
26	Central States Oil Corp.	St. Elmo, Ill.	Fayette	12	289,055	---	15	620	1
27	Craig & Lowrie	808 Columbia Bldg., Pittsburgh, Pa.	Crawford	84	12,903	---	9	---	---
28	Craig & Lowrie	808 Columbia Bldg., Pittsburgh, Pa.	Lawrence	1	1,721	---	1	---	---
29	Curry Petroleum Co.	Salem, Ill.	Lawrence	5	333,922	---	4	---	---
30	D. & H. Drilling Co.	Box 264, Salem, Ill.	Marion	6	44,770	---	4	90	---
31	Dr. W. B. Dallas	Lodue & Ballas Rd., Creve Coeur, Mo.	Wabash	2	18,370	---	2	20	---
32	Evan E. Davis	305 Sedalia Trust Bldg., Sedalia, Mo.	Wayne	1	9,323	---	1	---	---
33	J. J. Deamer	2001 Philflower Bldg., Tulsa, Okla.	Marion	2	70,386	---	1	---	---
34	J. J. Deamer	2001 Philflower Bldg., Tulsa, Okla.	Wabash	4	31,609	---	2	155	---
35	Dinsmoor Oil Co.	St. Marys, W. Va.	Clark	73	6,715	---	4	---	---
36	Dinsmoor Oil Co.	St. Marys, W. Va.	Crawford	219	33,189	---	22	---	2
37	Dinsmoor Oil Co.	St. Marys, W. Va.	Lawrence	10	670	---	1	---	---
38	Dinsmoor Oil Co.	St. Marys, W. Va.	Cumberland	27	2,348	---	3	---	---
39	Duncan Brothers	Box 302, Fairfield, Ill.	Wayne	2	22,789	---	1	---	---
40	O. T. Dunlap	Edwardsville, Ill.	Wayne	4	9,502	---	1	---	---
41	O. T. Dunlap, et al.	Edwardsville, Ill.	Wayne	1	610	---	1	---	---
42	Eason Oil Co.	Enid, Okla.	Wayne	9	16,021	---	8	---	---
43	Eason Oil Co.	Enid, Okla.	White	2	6,887	---	1	---	---
44	Exchange Oil Co.	P. O. Box 521, Tulsa, Okla.	Wabash	2	19,031	---	10	---	---
45	J. W. Fitzpatrick—Operator	P. O. Box 424, New Harmony, Ind.	White	7	19,031	---	1	---	---
46	Harry Follades	Whitney Bldg., New Orleans, La.	Clay	1	14,872	---	1	---	1
47	Franklin Drilling Co.	1207 Peoples Bank Bldg., Tyler, Texas	Wabash	1	98,426	---	9	165	---
48	Franklin Drilling Co.	1207 Peoples Bank Bldg., Tyler, Texas	Marion	5	33,362	---	2	---	---
49	Geo. Oil Company	517 Wright Bldg., Tulsa, Okla.	Wabash	1	4,000	---	1	---	---
50	A. W. Gerson	21 E. Ferguson Ave., Wood River, Ill.	Lawrence	15	3,500	---	2	---	---
51	Gulf Refining Co.	P. O. Box 661, Tulsa, Okla.	Clinton	3	10,144	---	1	---	---
52	Gulf Refining Co.	P. O. Box 661, Tulsa, Okla.	Clay	2	21,036	---	1	---	---
53	Gulf Refining Co.	P. O. Box 661, Tulsa, Okla.	Clinton	22	100,582	---	12	---	---
54	Gulf Refining Co.	P. O. Box 661, Tulsa, Okla.	Fayette	18	77,205	---	4	60	---
55	Gulf Refining Co.	P. O. Box 661, Tulsa, Okla.	Franklin	1	4,218	---	1	---	---
56	Gulf Refining Co.	P. O. Box 661, Tulsa, Okla.	Richland	3	20,820	---	1	---	---
57	Gulf Refining Co.	P. O. Box 661, Tulsa, Okla.	Wayne	3	11,039	---	2	10	---
58	Gulf Refining Co.	P. O. Box 661, Tulsa, Okla.	Wabash	2	13,065	---	2	---	---
59	Earl Hollandsworth	Longview, Texas	Wayne	3	14,565	---	2	---	---
60	Illinois General American Oil Co.	P. O. Box 776, Dallas, Texas	White	3	23,647	---	6	60	---

TABLE 2—OIL AND GAS—Continued.

No.	Name of operator.	Post office address of the operator.	County in which the well is located.	Number of wells.	Production.		Number employed.	Explosives—nitro-gly—corine—quarts.	Accidents—non-fatal.	Fatal accidents.
					Oil—barrels.	Gas—Per 1,000 cu. ft.				
60	Jarvis Brothers & Marcell.	526 Standard Office Bldg., Decatur, Ill.	Fayette.	61	1,578,666		50			10
61	F. A. Jorgensen.	Box 151, Champaign, Ill.	Clinton.	2	3,844					
62	W. B. Johnson Drilling Co.	Box 1907, Longview, Texas	Fayette.	20	225,163		11			4
63	W. B. Johnson Drilling Co.	Box 1907, Longview, Texas	Richland.	2	4,803					
64	Keweenaw Oil Co.	Box 499, Titusville, Pa.	Crawford.	224	34,320		14			
65	Keweenaw Oil Co.	Box 499, Titusville, Pa.	Clark.	41	5,309		2			
66	Keweenaw Oil Co.	Box 499, Titusville, Pa.	Lawrence.	37	10,757		2			
67	Mrs. L. P. King.	2104 S. Warren Rd., St. Louis, Mo.	Marion.	6	208,596		4			1
68	Kingwood Oil Co.	Effingham, Ill.	Fayette.	46	2,324,927		75	1,050	40	
69	Kingwood Oil Co.	Effingham, Ill.	Richland.	15	357,760		1	575	2	
70	Kingwood Oil Co.	Effingham, Ill.	Clay.	6	13,550		1			4
71	Kingwood Oil Co.	Effingham, Ill.	Edwards.	3	58,647		4	20		7
72	Kingwood Oil Co.	Effingham, Ill.	Edwards.	3	35,841		10	20		1
73	Kingwood Oil Co.	Effingham, Ill.	White.	2	2,557		4			5
74	Kingwood Oil Co.	Effingham, Ill.	Cumberland.	5	125		1			1
75	H. C. Kraft & Co.	Oblong, Ill.	Clinton.	12	56,374		2			2
76	Lacy & Riley.	Box 42, Kilgore, Texas.	Clinton.	11	481,616		20	165	2	
77	Lain Oil & Gas Co.	410 S. 5th St., Springfield, Ill.	Marion.	11		3,000				
78	Howard Layton & Sons	Bloomington, Ill.	McLean.	2			4			
79	Leigh Oil Co.	517 Wright Bldg., Tulsa, Okla.	Lawrence.	10	4,275		2			1
80	Liberty Oil & Gas Co.	Savings Bank & Trust Co., Warren, Pa.	Crawford.	32	3,169		2			
81	Longhorn Oil Corp.	502 Old National Bank Bldg., Evansville, Ind.	Wabash.	2	2,605		3			
82	M. M. & T. Co.	404 Perrine Ave., Centralia, Ill.	Marion.	13	2,063		2			
83	Magnolia Petroleum Co.	Box 900, Dallas, Texas.	Marion.	220	8,305,922		153			27
84	Magnolia Petroleum Co.	Box 900, Dallas, Texas.	Fayette.	44	594,572		31			2
85	Magnolia Petroleum Co.	Box 900, Dallas, Texas.	Jefferson.	11	54,544		10			
86	Magnolia Petroleum Co.	Box 900, Dallas, Texas.	Washington.	33	148,876		14			
87	Magnolia Petroleum Co.	Box 900, Dallas, Texas.	Edwards.	2	2,917		1			
88	Magnolia Petroleum Co.	Box 900, Dallas, Texas.	Wabash.	4	5,450		1			
89	W. C. McBride, Inc.	1226 Olive St., St. Louis, Mo.	Clark.	15	1,145		1			
90	W. C. McBride, Inc.	1226 Olive St., St. Louis, Mo.	Clinton.	16	100,773		10	80	1	
91	W. C. McBride, Inc.	1226 Olive St., St. Louis, Mo.	Crawford.	45	350,200		6			
92	W. C. McBride, Inc.	1226 Olive St., St. Louis, Mo.	Fayette.	19	263,346		10	320		
93	W. C. McBride, Inc.	1226 Olive St., St. Louis, Mo.	Lawrence.	126	81,545		20			7
94	W. C. McBride, Inc.	1226 Olive St., St. Louis, Mo.	Marion.	21	1,837,290		29	1,560	10	
95	W. C. McBride, Inc.	1226 Olive St., St. Louis, Mo.	Wabash.	11	2,900		1			
96	W. C. McBride, Inc.	1226 Olive St., St. Louis, Mo.	Washington.	2	32,877		3	25		
97	Menhall, Benoist, Hines, Sayre and Misner.	Sandoval, Ill.	Marion.	7	223,308		8			3

98	John F. Merrick	319 W. 2nd St., Tyler, Texas	6	70,437	2	85	---
99	Minerva Oil Co.	320 N. 4th St., St. Louis, Mo.	17	243,421	12	---	---
100	John R. Mitchell	218 S. 9th St., Mt. Vernon, Ill.	3	179,108	---	---	---
101	The National Refining Co.	5th Floor Hanna Bldg., Cleveland, Ohio	14	2,052	2	---	---
102	The National Refining Co.	5th Floor Hanna Bldg., Cleveland, Ohio	33	4,162	2	---	---
103	Victor Nettle	1543 S. 12th St., St. Louis, Mo.	1	3,937	1	---	---
104	New York Petroleum Co.	402 Avery St., Parkersburg, W. Va.	9	500	4703	---	---
105	The Ohio Oil Co.	539 S. Main St., Findlay, Ohio	507	93,573	---	---	---
106	The Ohio Oil Co.	539 S. Main St., Findlay, Ohio	508	51,291	---	---	---
107	The Ohio Oil Co.	539 S. Main St., Findlay, Ohio	104	2,323,334	---	2,170	---
108	The Ohio Oil Co.	539 S. Main St., Findlay, Ohio	80	38,511	---	---	---
109	The Ohio Oil Co.	539 S. Main St., Findlay, Ohio	15	156,224	---	---	---
110	The Ohio Oil Co.	539 S. Main St., Findlay, Ohio	1	18,386	---	10	---
111	The Ohio Oil Co.	539 S. Main St., Findlay, Ohio	1	30,438	---	---	---
112	The Ohio Oil Co.	539 S. Main St., Findlay, Ohio	210	143,353	---	---	---
113	The Ohio Oil Co.	539 S. Main St., Findlay, Ohio	4	1,516	---	---	---
114	The Ohio Oil Co.	539 S. Main St., Findlay, Ohio	3,299	510,567	---	---	---
115	The Ohio Oil Co.	539 S. Main St., Findlay, Ohio	17	48,827	---	121	4
116	The Ohio Oil Co.	539 S. Main St., Findlay, Ohio	2,350	875,388	---	---	---
117	The Ohio Oil Co.	539 S. Main St., Findlay, Ohio	7	20,240	---	---	---
118	F. W. Olin	East Alton, Ill.	9	65,624	8	130	---
119	F. W. Olin	East Alton, Ill.	1	5,402	1	---	---
120	Olson Drilling Co.	P. O. Box 588, Tulsa, Okla.	4	24,408	1	---	---
121	The Orchard Oil Co., Inc.	510 E. Butler St., Olney, Ill.	3	47,032	3	---	---
122	Parrott Oil Co.	St. Elmo, Ill.	2	3,000	1	---	---
123	James Pease & Co.	954-135 S. LaSalle St., Chicago, Ill.	22	2,879	2	---	---
124	The Pemberton Oil & Gas Co.	229 E. Main St., Olney, Ill.	18	7,788	3	---	---
125	Penn-III. Oil & Gas Corp.	939 Gulf Bldg., Pittsburgh, Pa.	5	58,137	5	---	---
126	Penn-III. Oil & Gas Corp.	939 Gulf Bldg., Pittsburgh, Pa.	1	5,424	1	---	---
127	Penn-III. Oil & Gas Corp.	939 Gulf Bldg., Pittsburgh, Pa.	1	3,396	1	---	---
128	Petro Oil & Gas Co.	Security Bldg., St. Louis, Mo.	16	9,724	2	---	---
129	Phillips Petroleum Co.	Barlottesville, Okla.	8	48,411	34	35	4
130	Phillips Petroleum Co.	Barlottesville, Okla.	1	7,724	14	---	---
131	Pittsburgh Oil & Gas Co.	1005 Farmers Bank Bldg., Pittsburgh, Pa.	17	3,412	1	---	---
132	Pugh-DeKalb Co., Not Inc.	102½ E. Broadway, Centralia, Ill.	15	58,691	1	---	---
133	Pugh-DeKalb Co., Not Inc.	102½ E. Broadway, Centralia, Ill.	13	93,428	9	---	---
134	John Pugh, Paul Pugh, C. E. Harris, Estate	102½ E. Broadway, Centralia, Ill.	1	3,410	1	---	---
135	The Pure Oil Co.	35 E. Wacker Dr., Chicago, Ill.	67	6,076,521	486	10	139
136	The Pure Oil Co.	35 E. Wacker Dr., Chicago, Ill.	127	1,586,311	184	1,145	52
137	The Pure Oil Co.	35 E. Wacker Dr., Chicago, Ill.	68	2,315,715	102	100	27
138	The Pure Oil Co.	35 E. Wacker Dr., Chicago, Ill.	1	965	1	---	---
139	Quisenberry Drilling & Production Co.	202 Monroe Bldg., Bloomington, Ill.	1	3,600	1	---	---
140	L. L. Robb	Box 103, Litchfield, Ill.	1	25	---	---	---
141	Robben Oil Co.	Box 133, Carlyle, Ill.	11	30,510	5	20	1
142	Robey Drilling Co.	612 National Bank of Tulsa Bldg., Tulsa, Okla.	2	3,397	1	---	---
143	Rock Hill Oil Co.	600 Merchants-Laclede Bldg., St. Louis, Mo.	20	387,561	10	---	---
144	Rock Hill Oil Co.	600 Merchants-Laclede Bldg., St. Louis, Mo.	19	195,526	10	---	---
145	Rotary Oil Co.	Centralia, Ill.	6	19,067	---	---	---

TABLE 2—OIL AND GAS—Concluded.

No.	Name of operator.	Post office address of the operator.	County in which the well is located.	Number of wells.	Production.		Number employed.	Explosives—nitro-glycerine—quarts.	Accidents—non-fatal.	Fatal accidents.
					Oil—barrels.	Gas—per 1,000 cu. ft.				
146	Santa Fe Petroleum Corp.	Box 133, Carlyle, Ill.	Clinton	7	9,361		4	20		
147	Shell Oil Co., Inc.	Shell Bldg., St. Louis, Mo.	Clinton	63	425,574		*201		5	
148	Shell Oil Co., Inc.	Shell Bldg., St. Louis, Mo.	Payette	33	427,627					
149	Shell Oil Co., Inc.	Shell Bldg., St. Louis, Mo.	Marion	73	3,137,953					
150	Shell Oil Co., Inc.	Shell Bldg., St. Louis, Mo.	Wabash	1	4,626					
151	Shell Oil Co., Inc.	Shell Bldg., St. Louis, Mo.	Washington	36	206,526					
152	Shulman Brothers	P. O. Box 285, Vandalia, Ill.	Payette	10	206,430			410		
153	Skelly Oil Co.	Box 1650, Tulsa, Okla.	Wabash	3	7,956			65		
154	Skelly Oil Co.	Box 1650, Tulsa, Okla.	White	1	128	10,000				
155	Snowden & McSweeney Co.	598 Madison Ave., New York, N. Y.	Wabash	6	2,724					
156	Snowden & McSweeney Co.	598 Madison Ave., New York, N. Y.	Lawrence	213	67,321	28,272			2	
157	Southern Petroleum Corp.	523 W. Main St., Fairfield, Ill.	Wayne	6	33,989				2	
158	The Standard Oil & Gas Co.	510 E. Butler St., Olney, Ill.	Clay	1	1,000					
159	Al Stohr Life Estate.	209 E. Main St., Casey, Ill.	Clark	12	293					
160	Sun Oil Co.	P. O. Box 717, Evansville, Ind.	White	2	3,604			20		
161	The Superior Oil Co.	Oil & Gas Bldg., Houston, Texas	Marion	3	23,526					
162	The Superior Oil Co.	Oil & Gas Bldg., Houston, Texas	White	10	7,727					
163	Tex Harvey Oil Co.	P. O. Box 36, Salem, Ill.	Marion	19	527,606		69			
164	Tide Water Associated Oil Co.	P. O. Box 731, Tulsa, Okla.	Clark	81	16,384		5			
165	Tide Water Associated Oil Co.	P. O. Box 731, Tulsa, Okla.	Crawford	697	197,717		53		5	
166	Tide Water Associated Oil Co.	P. O. Box 731, Tulsa, Okla.	Lawrence	81	20,365		4			
167	Tide Water Associated Oil Co.	P. O. Box 731, Tulsa, Okla.	Marion	5	122,759		1			
168	Tide Water Associated Oil Co.	P. O. Box 731, Tulsa, Okla.	Wabash	11	39,253		3			
169	Trenton Rock Oil & Gas Co.	R. R. No. 3, Casey, Ill.	Clark	31	3,974	1,000	2			
170	Vogt Oil Co.	801-2 Spivey Bldg., East St. Louis, Ill.	St. Clair	2	54					
171	Warner-Caldwell Oil Co.	Titusville, Pa.	Crawford	2	2,905	8,000	2			
172	H. H. Weinert, Inc.	Seguin, Texas	Wayne	55	271,492		5			
173	H. H. Weinert, Inc.	Seguin, Texas	Clinton	4	24,346		1			
174	H. H. Weinert, Inc.	Seguin, Texas	White	4	14,732		1			
175	Whisenant & Trenchard	1901 Alamo National Bldg., San Antonio, Texas	Payette	25	291,617		5			
176	Ralph R. Willis	Lawrenceville, Ill.	Lawrence	3	17,000					
177	P. L. & W. C. Williams	Colmar, Ill.	McDonough	16	3,753		2			
178	Roy E. Wilson	P. O. Box 432, Olney, Ill.	Payette	5	24,945		2			
179	Roy E. Wilson	P. O. Box 432, Olney, Ill.	Wabash	1	3,251		1			
180	Roy E. Wilson	P. O. Box 432, Olney, Ill.	Rehland	1	2,401		1			
181	The Wiser Oil Co.	Sistersville, W. Va.	Clay	17	133,840		9			
182	The Wiser Oil Co.	Sistersville, W. Va.	Marion	9	506,146					

183 The Wiser Oil Co.	Sistersville, W. Va.	131	1,511	2	
184 The Wiser Oil Co.	Sistersville, W. Va.	22	3,309	2	
185 George Yount, et al.	Keensburg, Ill.	3	15,300	1	
Total		12,112	53,475,071	3,316	37,565 448
Additional production by fields secured from other sources			40,896,929		
Grand total		12,112	94,302,000	3,316	37,565 448

* Average number of employees at all wells.

TABLE 3—SAND AND GRAVEL.

No.	Location of plant.		Production in tons.	Number employed.	Days worked.	Explosives used.		Accidents.	
	Post office.	County.				Powder—pounds.	Dynamite—pounds.	Fatal.	Non-fatal.
1	Abbott, L. E.	Sheridan.	LaSalle.	4,280	80	*	*		*
2	Alpha Portland Cement Co.	LaSalle.	LaSalle.	17,568	210				
3	Anderson Sand & Gravel Co.	Rockford.	Winnebago.	81,277	12				
4	Buckhart Sand & Gravel Co.	Mechanicsburg.	Sangamon.	26,800	5		100		
5	Challiothe Gravel Co.	East Peoria.	Peoria.	29,800	15				
6	Chinn Bros.	Utica.	Peoria.	970	290				
7	H. D. Conkey & Co.	Mendota.	LaSalle.	197,150	105				
8	Churehill Gravel Co.	Pontiac.	Livingston.	13,000	7				
9	S. S. Davis.	Rock Island.	Rock Island.	1,413	33				
10	East Peoria Sand & Gravel Co.	East Peoria.	Tazewell.	23,757	16				
11	Merle G. Ellsworth.	Bloomington.	McLean.	30,000	4				
12	G. W. Harris.	Tamaleco.	Bond.	5,780	2		250		
13	H. P. B. Sand & Gravel Co.	Rockford.	Winnebago.	30,000	8				1
14	Kingston Lake Gravel Co.	Mapleton.	Peoria.	22,009	7				3
15	J. P. Larson.	Wyanet.	Bureau.	5,000	49				
16	Earl Laws.	Keyesport.	Bond.	4,500	80		400		
17	Lincoln Sand-Gravel Co.	Lincoln.	Logan.	252,881	28				1
18	Mt. Carmel Sand & Gravel Co.	Mt. Carmel.	Wabash.	75,000	215				
19	W. F. McLean.	Greenville.	Bond.	6,000	2				
20	Mississippi Lime Co.	Alton.	Madison.	91,000	60	*	*		*
21	Novaculite Paving Co.	Tamms.	Peoria.	24,000	85	7,500	600		
22	Peoria Concrete Construction Co.	Tazewell.	Tazewell.	43,200	4				
23	Purity Moulding Sand Co.	Dallas City.	Henderson.	9,100	200				1
24	P. F. Rutherford.	Wyanet.	Bureau.	1,500	3				
25	Joseph Segart.	LaSalle.	LaSalle.	715	42				
26	Spicer Gravel Co.	Marseilles.	LaSalle.	18,287	275		50		

TABLE 3—SAND AND GRAVEL—Concluded.

No.	Name of operator.	Location of plant.		Production in tons.	Number employed.	Days worked.	Explosives used.		Accidents.	
		Post office.	County.				Powder—pounds.	Dynamite—pounds.	Fatal.	Non-fatal.
27	Stocker Gravel & Construction Co.	Highland.	Madison.	9,664	2	275		1,000		
28	Western Sand & Gravel Co.	Spring Valley.	Bureau.	213,597	16	190				
29	W. P. A.	Cairo.	Alexander.	39,786	45	120				
30	W. P. A.	Maime.	White.	24,866	6	180				3
31	W. P. A.	Elizabethtown.	Hardin.	8,700	30	60				
32	W. P. A.	New Haven.	Gallatin.	61,511	10	250				5
33	W. P. A.	Jonesboro.	Union.	52,179	8	175				
34	W. P. A.	Kankakee.	Kankakee.	36,500	1	133		4,000		14
35	W. P. A.	Metropolis.	Pope.	20,906	36	250			*	*
36	W. P. A.	Metropolis.	Metropolis.	44,691	1	1				
37	W. P. A.	Murphysboro.	Jackson.	18,819	70	204				
38	W. P. A.	Pulaski.	Pulaski.	40,579	1	135		6,000		†
39	W. P. A.	Vienna.	Johnson.	39,391	40	1				
40	W. P. A., District No. 4.	Decatur.	Macon.	184,394	36	60				†
41	W. P. A.	Metropolis.	Hardin.	8,700	3					2
42	Yourtee-Roberts Sand Co.	Chester.	Randolph.	68,000	5					
	Total.			1,893,470	478	†129	7,500	13,700		30

* Reported in limestone table.

† Not reported.

‡ Average.

TABLE 4—SHALE AND CLAY.

No.	Name of operator.	Location of plant.		Production in tons.	Number employed.	Days worked.	Explosives used.		Accidents.	
		Post office.	County.				Powder—pounds.	Dynamite—pounds.	Fatal.	Non-fatal.
1	Alpha Portland Cement Co.	LaSalle.	LaSalle.	17,568	*			*		*
2	Alton Brick Co.	Alton.	Madison.	267,261	128	246				9
3	Baird Bros.	Coldwater.	McDonough.	8,027	15	200		1,050		1
4	Belleville Brick Co.	Belleville.	St. Clair.	6,484	18	78		7,000		3
5	Campus Brick & Tile Works.	Campus.	Livingston.	1,406	8	9				
6	Carey Brick Co.	Chicago.	Cook.	27,506	86	49				
7	Chicago Refrort & Fire Brick Co.	Ottawa.	LaSalle.	24,508	93	325	4,856	585		2

8	Frederick Brick & Tile Works.	Frederick.	Schuyler.	5,000	10	208	500	1
9	Hill Brick Co.	East St. Louis.	St. Clair.	45,144	82	256	4,700	400
10	Hydraulic Press Brick Co.	Peoria.	Marshall.	36,388	88	267	38,850	6
11	Illinois Clay Products Co.	Joliet.	Grundy.	98,000	35	260	16,000	2
12	Jackson County Brick Co.	Campbell Hill.	Jackson.	12,808	167	75	2,000	2,000
13	McLaughlin Mining Co.	Alsey.	Scott.	5,273	18	225	2,400	50
14	McLeansboro Shale Products Co.	McLeansboro.	Hamilton.	12,000 *	30	225	600	600
15	Mascoutah Brick Co.	Mascoutah.	St. Clair.	763	15	220	400	400
16	Mathiessen & Hegeler Zinc Co.	LaSalle.	LaSalle.	2,400	2	63	200	200
17	Munson Bros. & Co.	Capron.	Boone.	13,927	5	200	190	190
18	National Fireproofing Corp.	Ottawa.	LaSalle.	13,270	53	190	140	140
19	Oerschelp Brick & Tile Co.	Princeton.	Bureau.	17,866	35	200	1,791	1,791
20	Peoria Brick & Tile Co.	Peoria.	Tazewell.	25,755	57	231	1,400	1,400
21	Poston-Springfield Brick Co.	Springfield.	Sangamon.	16,385	56	236	4,000	4,000
22	Richards Brick Co.	Edwardsville.	Madison.	326	31	42	3,410	3,410
23	Ruckels Pottery Works.	White Hall.	Greene.	16,410	49	225	900	900
24	St. Elmo Brick & Tile Co.	St. Elmo.	Payette.	27,114	46	274	1,800	1,800
25	Springfield Clay Products Co.	Springfield.	Sangamon.	29,690	97	308	1,200	1,200
26	Streator Drain Tile Co.	Streator.	Livingston.	96,000	205	300	63,936	63,936
27	Western Brick Co.	Danville.	Vermilion.	24,129	14	230		
28	White Hall Sewer Pipe & Stoneware Co.	White Hall.	Greene.					
	Total.....			838,698	1,301	†197	35,456	

* Not reported.

† Average.

TABLE 5—SILICA.

No.	Name of operator.	Location of plant.		Production in tons.	Number employed.	Days worked.	Explosives—dynamite—pounds.	Accidents.	
		Post office.	County.					Fatal.	Non-fatal.
1	Olive Branch Minerals Co., 3 mines.	Cairo.	Alexander.	3,160	4	200	2,300		
2	Ozark Minerals Co.	Elco.	Alexander.	10,078	4	300	10,200		
3	South Ottawa Silica Co.	Ottawa.	LaSalle.	14,000	5	64	285		
4	Ottawa Silica Co.	Ottawa.	LaSalle.	568,119	143	235	208,000		
	Total.....			595,357	156	*212	220,500		

* Average.

TABLE 6—FULLER'S EARTH.

No.	Company.	Location.	County.	Tons produced.	Men employed.	Days worked.	Dyna-mite—pounds.
1	Sinclair Refining Co.	Olmstead.....	Pulaski.....	36,000	45	251	-----

TABLE 7—LIMESTONE.

No.	County.	Number of—		Output in tons.	Number employed.	Average days worked.	Explosives used.		Accidents.	
		Oper-ators.	Plants.				Pow-der—kegs.	Dyna-mite—pounds.	Fatal.	Non-fatal.
1	Adams.....	1	1	20,632	26	300	-----	16,000	-----	3
2	Clinton.....	2	4	61,176	124	295	-----	26,000	-----	18
3	Cook.....	1	2	56,378	73	160	-----	50	1	27
4	DuPage.....	1	1	225,000	16	124	-----	48,350	-----	11
5	Hancock.....	1	1	10,000	8	300	-----	2,000	-----	5
6	Hardin.....	2	2	50,800	27	221	-----	15,100	-----	6
7	Jackson.....	1	1	30,869	210	298	-----	11,425	-----	86
8	Jefferson.....	2	2	40,621	185	225	-----	20,000	-----	251
9	Johnson.....	1	1	51,800	50	-----	-----	8,000	-----	10
10	Kankakee.....	2	2	347,300	87	224	-----	85,200	-----	19
11	Kendall.....	1	1	28,300	8	100	-----	9,250	-----	-----
12	LaSalle.....	3	3	1,105,738	874	275	-----	243,820	1	-----
13	Macon.....	1	1	10,482	*	*	-----	*	*	*
14	Madison.....	1	1	188,900	39	300	-----	22,150	-----	2
15	Marion.....	2	2	36,000	130	250	-----	10,000	-----	20
16	Monroe.....	2	2	13,670	88	128	-----	3,656	-----	-----
17	Peoria.....	1	1	452,607	1,500	190	-----	-----	-----	-----
18	Perry.....	1	1	79,720	170	187	-----	-----	-----	6
19	Randolph.....	2	2	119,552	600	218	-----	12,000	-----	-----
20	Rock Island.....	1	1	52,095	23	250	-----	10,000	-----	-----
21	St. Clair.....	3	3	501,800	173	210	-----	155,520	1	10
22	Union.....	1	1	185,000	40	180	-----	54,000	-----	6
23	Washington.....	1	2	40,000	100	250	-----	12,000	-----	20
24	Will.....	2	2	445,483	60	200	-----	142,250	-----	7
25	Williamson.....	1	2	183,134	205	165	-----	-----	-----	-----
26	Winnebago.....	1	1	16,344	60	99	-----	3,787	-----	2
Total.....		38	43	4,373,491	4,876	†195	-----	910,558	3	509

* Not reported.

† Average.

TABLE 8—OIL AND GAS.

No.	County.	Number of—		Production.		Number employed.	Explosives— nitro-glycerine— quarts.	Accidents— non-fatal.	Fatal accidents.
		Operators.	Wells.	Oil— barrels.	Gas— 1,000 cu. ft.				
1	Clark.....	9	791	132,857	1,000	18	---	2	---
2	Clay.....	10	103	6,407,094	700	514	30	167	1
3	Clinton.....	18	251	985,427	---	46	160	10	---
4	Crawford.....	15	4,931	1,057,430	631,300	133	---	11	1
5	Cumberland.....	3	540	53,734	75,660	4	---	1	---
6	Edwards.....	3	6	44,220	---	12	---	1	---
7	Effingham.....	1	1	450	---	4	20	5	---
8	Fayette.....	18	1,102	14,624,724	3,620,000	594	29,579	44	---
9	Franklin.....	1	1	4,218	---	1	---	---	---
10	Hancock.....	1	4	1,516	---	---	---	---	---
11	Jefferson.....	3	70	799,382	93,000	38	362	---	---
12	Lawrence.....	12	2,894	1,093,639	832,307	67	---	15	---
13	Marion.....	28	648	22,248,895	200,000	416	5,225	97	---
14	McDonough.....	2	226	147,136	---	2	---	1	---
15	McLean.....	1	2	---	3,000	4	---	---	---
16	Montgomery.....	1	1	25	---	---	---	---	---
17	Richland.....	7	153	1,801,142	3,600	189	1,155	57	---
18	St. Clair.....	2	3	30,542	---	---	---	---	---
19	Wabash.....	21	114	502,604	---	87	745	4	---
20	Washington.....	5	84	427,586	---	17	109	---	---
21	Wayne.....	11	137	2,935,409	1,500	129	100	29	---
22	White.....	13	50	177,041	10,000	74	80	4	---
Total.....		185	12,112	53,475,071	5,472,067	*3,316	37,565	448	2
Additional production received from other sources.....		---	---	40,826,929	---	---	---	---	---
Grand total.....		185	12,112	94,302,000	5,472,067	*3,316	37,565	448	2

* 967 employees not listed by counties included in total.

TABLE 9—SAND AND GRAVEL.

No.	County.	Number of—		Pro- duction in tons.	Number em- ployed.	Average days worked.	Explosives used.		Accidents.	
		Oper- ators.	Plants.				Pow- der— pounds.	Dyna- mite— pounds.	Fatal.	Non- fatal.
1	Alexander.....	2	2	64,386	62	103	7,500	600	-----	-----
2	Bond.....	3	3	16,280	5	132	-----	650	-----	-----
3	Bureau.....	3	3	225,097	26	104	-----	-----	-----	-----
4	Gallatin.....	1	1	61,311	10	250	-----	-----	-----	-----
5	Hardin.....	3	3	35,687	66	132	-----	50	-----	-----
6	Henderson.....	1	1	9,100	6	200	-----	-----	-----	1
7	Jackson.....	1	1	18,819	*	-----	*	*	*	*
8	Johnson.....	1	1	39,351	40	195	-----	6,000	-----	-----
9	Kane.....	1	1	197,150	17	105	-----	-----	-----	-----
10	Kankakee.....	1	1	36,500	*	-----	*	*	*	*
11	LaSalle.....	5	5	41,800	6	178	-----	50	-----	-----
12	Livingston.....	1	1	13,000	7	30	-----	-----	-----	-----
13	Logan.....	1	1	252,881	28	299	-----	-----	-----	1
14	McLean.....	1	1	30,000	4	200	-----	-----	-----	-----
15	Macon.....	1	1	184,594	*	-----	*	*	*	*
16	Madison.....	2	2	100,664	2	275	-----	1,000	-----	-----
17	Massac.....	1	1	20,906	*	165	-----	4,000	-----	-----
18	Peoria.....	2	2	52,409	22	259	-----	-----	-----	3
19	Pope.....	1	1	44,691	36	250	-----	1,300	-----	14
20	Pulaski.....	1	1	40,579	70	204	-----	-----	-----	-----
21	Randolph.....	1	1	68,000	5	*	-----	-----	-----	2
22	Rock Island.....	1	1	1,413	3	33	-----	-----	-----	-----
23	Sangamon.....	1	1	26,800	5	160	-----	100	-----	-----
24	Tazewell.....	2	2	66,957	20	262	-----	-----	-----	-----
25	Union.....	1	1	52,179	8	175	-----	-----	-----	-----
26	Wabash.....	1	1	75,000	10	215	-----	-----	-----	-----
27	White.....	1	1	24,866	6	190	-----	-----	-----	3
28	Winnebago.....	2	2	111,277	20	210	-----	-----	-----	1
Total.....		43	43	1,893,470	478	†129	7,500	13,700	-----	30

* Not reported.

† Average.

TABLE 10—SHALE AND CLAY.

No.	County.	Number of—		Pro- duction in tons.	Number em- ployed.	Average days worked.	Explosives used.		Accidents.	
		Oper- ators.	Plants.				Pow- der— pounds.	Dyna- mite— pounds.	Fatal.	Non- fatal.
1	Boone.....	1	1	2,400	5	200	-----	-----	-----	-----
2	Bureau.....	1	1	270	5	140	-----	-----	-----	-----
3	Cook.....	1	1	27,996	80	42	-----	-----	-----	-----
4	Fayette.....	1	1	16,410	49	225	-----	4,000	-----	-----
5	Greene.....	2	2	24,455	45	136	-----	12,000	-----	3
6	Grundy.....	1	1	98,000	35	260	16,000	-----	-----	2
7	Hamilton.....	1	1	12,000	30	225	-----	600	-----	-----
8	Jackson.....	1	1	12,808	38	167	2,000	-----	-----	-----
9	LaSalle.....	4	4	56,566	148	193	4,856	985	-----	18
10	Livingston.....	2	2	31,096	105	204	-----	900	-----	-----
11	McDonough.....	1	1	8,027	6	200	-----	7,000	-----	1
12	Madison.....	2	2	283,646	184	241	5,500	1,050	-----	9
13	Marshall.....	1	1	36,388	88	267	-----	38,850	-----	6
14	St. Clair.....	3	3	51,628	112	185	4,700	400	-----	4
15	Sangamon.....	2	2	52,869	103	253	-----	4,810	-----	-----
16	Scott.....	1	1	5,273	18	75	2,400	50	-----	-----
17	Schuyler.....	1	1	5,000	10	208	-----	500	-----	-----
18	Tazewell.....	1	1	17,866	35	200	-----	1,791	-----	-----
19	Vermilion.....	1	1	96,000	205	300	-----	1,800	-----	1
Total.....		28	28	838,698	1,301	197	35,456	63,936	-----	44

TABLE 11—SILICA.

No.	County.	Number of—		Pro- duction in tons.	Number em- ployed.	Average days worked.	Explosives used.		Accidents.	
		Oper- ators.	Plants.				Pow- der— kegs.	Dyna- mite— pounds.	Fatal.	Non- fatal.
1	Alexander.....	2	2	13,238	8	250	-----	12,500	-----	-----
2	LaSalle.....	2	2	582,119	148	173	-----	208,000	-----	4
	Total.....	4	4	595,357	156	212	-----	220,500	-----	4

TABLE 12—SUMMARY OF TABLES 7, 8, 9, 10 AND 11.

Industry.	Number of—			Production.	Num- ber em- ployed.	Average days worked.	Explosives used.		Accidents.	
	Coun- ties.	Oper- ators.	Plants.				Pow- der— pounds.	Dyna- mite— pounds.	Fatal.	Non- fatal.
Limestone.....	23	38	43	*4,373,491	4,876	195	-----	910,558	3	509
Oil and gas.....	22	185	*12,051	†94,302,000	3,316	-----	-----	#37,565	-----	448
				‡5,472,067						
Sand and gravel.....	27	43	43	*1,893,470	478	129	7,500	13,700	-----	30
Shale and clay.....	19	28	28	*838,698	1,301	197	35,456	63,936	-----	44
Silica.....	2	4	4	*595,357	156	212	-----	220,500	-----	4
Total.....	93	298	12,169	*7,701,016	10,127	-----	42,956	1,208,694	3	1,035
				†94,302,000				#37,565		
				‡5,472,067						

* Tons.

† Barrels of oil.

‡ M cu. ft. gas.

Quarts nitro-glycerine.

° Oil wells.

TABLE 13—MINERAL INDUSTRIES OF ILLINOIS—1939—BY COUNTIES.

County.	Coal.		Fluorspar.		Fullers Earth.		Limestone.		Oil and gas.			Sand and gravel.		Shale and clay.		Silica.	Number.
	Mines.	Tons.	Mines.	Tons.	Mines.	Tons.	Quarries.	Tons.	Wells.	Oil— barrels.	Gas— 1,000 cu. ft.	Pits.	Tons.	Pits.	Tons.	Mines.	
1 Adams.....	2	12,358					1	20,632								2	1
2 Alexander.....												1	64,386				2
3 Bond.....	1	103,583										3	16,280				3
4 Boone.....	6	367												1	2,400		4
5 Brown.....	9	57,771															5
6 Bureau.....	4	2,269										3	225,097				6
7 Cass.....	7	4,171,948												1	270		7
8 Christian.....																	8
9 Clark.....									791	132,857	1,000						9
10 Clay.....	2	100,771							103	6,407,094	700						10
11 Clinton.....	2	2,386					4	61,176	251	985,423							11
12 Cook.....							2	56,378						1	27,996		12
13 Crawford.....									4,331	1,057,430	631,300						13
14 Cumberland.....							1	225,000	540	53,734	75,600						14
15 DuPage.....	6	103,699															15
16 Edgar.....									6	44,220							16
17 Edwards.....							1	450									17
18 Effingham.....									1,102	14,624,724	3,620,000			1	16,410		18
19 Fayette.....										4,218							19
20 Franklin.....	12	8,653,916															20
21 Fulton.....	112	3,827,569							1			1	61,311				21
22 Gallatin.....	17	53,384															22
23 Greene.....	22	6,442												2	24,455		23
24 Grundy.....	7	128,870												1	98,000		24
25 Hamilton.....														1	12,000		25
26 Hancock.....	5	2,325					1	10,000		1,516							26
27 Hardin.....								50,800	4				35,687				27
28 Henderson.....	22	111,773										1	9,100				28
29 Henry.....	28	743,347															29
30 Jackson.....	25	1,747,917					1	50,869				1	18,819	1	12,808		30
31 Jasper.....	6	120,624															31
32 Jefferson.....	1								70	799,352	83,000						32
33 Jernison.....	3	714					2	40,621									33
34 Jo Daviess.....																	34
35 Johnson.....	1	20						51,800									35
36 Kane.....												1	39,391				36
37 Kankakee.....							2	347,300				1	197,150				37

REPORT OF METAL MINES

HOMER HARRIS, INSPECTOR.

The following tables show the activities of the metal mines for the year 1939:

TABLE 1—NAME OF OPERATOR, LOCATION OF MINE, DEPTH OF SHAFT, USE OF PRODUCT, METHOD OF HOISTING AND MINING.

Name of operator.	Location of mine.		Depth of shaft in feet.	Product used for—	Method of hoisting.	Method of mining.
	Post office.	County.				
Aluminum Ore Co.	Rosiclare	Hardin	75-200	Flux for steel, glass and ceramic	Steam	Machine and hand.
Barnett Ragsdale and Wardrop	Golconda	Pope	100	Flux for steel	Gasoline	Machine and hand.
L. T. Bateman	Rosiclare	Hardin	105	Flux for steel	Steam	Machine and hand.
Cave-In-Rock Spar Co.	Elizabethtown	Hardin	2 shafts, 42-88	Flux for steel	Steam	Hand.
Clifford Collins and B. Burgess	Rosiclare	Hardin	50	Flux for steel	Gasoline	Machine and hand.
Crystal Fluorspar Co.	Elizabethtown	Hardin	2 shafts, 140-408	Flux for basic open hearth steel	Steam	Machine.
Hillside Fluorspar Mines	Rosiclare	Hardin	650	Flux for steel	Electric	Machine.
Illinois Fluorspar & Lead Co.	Golconda	Pope	130	Flux for steel	Steam	Machine and hand.
Knight, Knight & Clark	Rosiclare	Pope	120	Flux for steel	Steam	Machine and hand.
C. C. Mackey	Golconda	Hardin	150	Flux for steel	Steam	Machine and hand.
Mahoning Mining Co.	Rosiclare	Hardin	300	Flux for steel	Gasoline	Machine and hand.
Roy Z. McKown	Golconda	Pope	Open cut	Flux for steel	Steam	Hand.
Fred L. O'Rear	Elizabethtown	Hardin	65	Flux for steel	Steam	Machine and hand.
James Leonard Paris, Jr.	Golconda	Pope	Slope	Flux for steel	Hand.	Machine and hand.
R. E. Parkinson	Cave-In-Rock	Hardin	8-16	Flux for steel	Gasoline	Machine and hand.
Partain and Rigsby	Cave-In-Rock	Hardin	Tunnel mine	Flux for steel	Hand.	Machine and hand.
James W. Patton & Sons	Elizabethtown	Hardin	200	Flux for steel	Steam	Machine and hand.
Rosiclare Lead & Fluorspar Mining Co., "Daisy"	Elizabethtown	Hardin	820	Fluxing steel, glass and enamelware, etc.	Electric	Machine.
Rosiclare Lead & Fluorspar Mining Co., "N. Boundry"	Rosiclare	Hardin	250	do.	Electric	Machine.
Rosiclare Lead & Fluorspar Mining Co., "Eureka No. 5"	Rosiclare	Hardin	127	do.	Electric	Machine.
Rosiclare Lead & Fluorspar Mining Co., "Midway"	Rosiclare	Hardin	126	do.	Electric	Machine.
L. Shelton Mine	Golconda	Hardin	20	Flux for steel	Gasoline	Hand.
Victory Fluorspar Mining Co.	Elizabethtown	Hardin	173	Flux for steel	Steam	Machine.
Fred Wetzel	Elizabethtown	Hardin	135	Flux for steel	Steam	Hand.
Beecher Williams	Herod	Hardin	100	Flux for steel	Steam	Machine and hand.

TABLE 2—PRODUCTION AND DISPOSITION OF PRODUCT, EXPLOSIVES USED, EMPLOYEES, DAYS WORKED, NUMBER INJURED.

Name of operator.	Production in tons.		Tons shipped to—			Explosives.	Employees.	Days worked.	Number injured.	Fatal.
	Fluorspar.	Lead.	Points in Illinois.	Other states.	Foreign countries.	Dynamite—pounds.				
Aluminum Ore Co.....	6,260	—	—	5,567	—	8,350	45	215	3	—
Barnett Ragsdale and Wardrop.....	500	—	150	—	—	300	4	260	—	—
L. T. Bateman.....	467	—	283	184	—	650	—	—	—	—
Cave-In-Rock Spar Co.....	600	—	600	1,000	—	4,000	25	250	—	—
Clifford Collins and B. Burgess.....	37	—	37	—	—	50	5	60	—	—
Crystal Fluorspar Co.....	16,682	—	1,911	9,688	—	16,905	47	265	—	1
Elizabeth Mining and Developing Co.....	—	4	—	3,800	—	1,000	4	6	—	—
Hillside Fluorspar Mines.....	7,039	—	2,902	7,299	—	8,650	60	221	33	—
Illinois Fluorspar and Lead Co.....	175	—	41	—	—	500	11	120	—	—
Knight, Knight & Clark.....	—	—	—	3,525	—	—	7	150	—	—
C. C. Mackey.....	—	—	—	2,082	—	1,000	15	300	4	—
Mahoning Mining Co.....	3,483	—	—	3,694	—	3,400	56	37	13	—
Roy Z. McKown.....	47	—	47	—	—	12	2	45	—	—
Fred L. O'Rear.....	1,000	—	1,000	—	—	3,500	7	—	—	—
James Leonard Paris, Jr.....	25	—	13	—	—	—	2	30	—	—
R. E. Parkerson.....	100	—	—	—	—	100	8	35	1	—
Partain and Rigsby.....	6,000	—	6,000	—	—	4,000	27	112	—	—
James W. Patton & Sons.....	350	—	—	—	—	—	11	—	—	—
Rosiclare Lead & Fluorspar Mining Co., "Daisy".....	44,491	—	713	19,963	2,274	59,539	53	292	—	1
Rosiclare Lead & Fluorspar Mining Co., "N. Boundry".....	6,582	—	—	—	—	9,750	13	285	—	2
Rosiclare Lead & Fluorspar Mining Co., "Eureka No. 5".....	1,166	—	—	—	—	800	4	275	—	—
Rosiclare Lead & Fluorspar Mining Co., "Midway".....	6,303	—	—	—	—	1,600	13	190	—	—
L. Shelton Mine.....	78	—	78	—	—	100	2	50	—	—
Victory Fluorspar Mining Co.....	7,800	—	—	5,219	—	16,000	48	151	—	—
Fred Weitzel.....	2,408	—	—	1,132	—	4,000	30	208	5	—
Beecher Williams.....	927	—	—	927	—	8,000	16	234	2	—
Total.....	112,520	4	13,775	64,080	2,274	152,206	519	*172 †6	61	4

* Average.

† Days worked in lead mines.

REPORT OF STATE MINING BOARD

The State Mining Board held examination in September for the purpose of passing upon the qualifications of applicants for State Mine Inspector and in April, September and December for the examination of Mine Managers, First and Second Class, Mine Examiners and Steam and Electrical Hoisting Engineers.

The names and addresses of those passing the tests are as follows:

STATE MINE INSPECTORS.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	No. of certificate.
Adams, Harry.....	Sparta.....	Randolph.....	54	Illinois.....	Sept. 13	260
McKeehan, John.....	Dowell.....	Jackson.....	40	Scotland.....	Sept. 13	261
Smith, Clarence O.....	Hillsboro.....	Montgomery.....	57	Illinois.....	Sept. 13	262

MINE MANAGERS—FIRST CLASS.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	No. of certificate.
Adams, Harry.....	Sparta.....	Randolph.....	54	Illinois.....	Sept. 13	2055
Adams, Ira.....	Equality.....	Gallatin.....	33	Arkansas.....	Sept. 13	2024
Adams, James C.....	Gillespie.....	Macoupin.....	47	Kentucky.....	Sept. 13	2025
Allsup, Brantley.....	Hurst.....	Williamson.....	30	Illinois.....	Dec. 19	2056
Anderson, Cecil G.....	Greenfield.....	Greene.....	35	Georgia.....	Apr. 11	2008
Bennett, John W.....	Eldorado.....	Saline.....	27	Illinois.....	Sept. 13	2026
Brewer, Dennis.....	Herrin.....	Williamson.....	30	Illinois.....	Dec. 19	2057
Carlove, Joseph.....	Springfield.....	Sangamon.....	41	Pennsylvania.....	Sept. 13	2027
Colquhoun, Alex J.....	Taylorville.....	Christian.....	45	Canada.....	Sept. 13	2028
Cotton, Charles F.....	DeSoto.....	Jackson.....	46	Illinois.....	Dec. 19	2058
Cravens, Rollie.....	Herrin.....	Williamson.....	41	Illinois.....	Sept. 13	2029
Dernoncourt, Joseph.....	Springfield.....	Sangamon.....	45	Alabama.....	Sept. 13	2030
Dixon, Edward Paul.....	Taylorville.....	Christian.....	33	Illinois.....	Sept. 13	2031
Duncan, Peter G.....	Gillespie.....	Macoupin.....	26	Illinois.....	Sept. 13	2032
Edwards, James E.....	Taylorville.....	Christian.....	44	Kentucky.....	Apr. 11	2009
Ely, Howard L.....	Gillespie.....	Macoupin.....	44	Illinois.....	Sept. 13	2033
Flynn, Gilbert G.....	Rutland.....	LaSalle.....	25	Illinois.....	Apr. 11	2010
Gallagher, Ralph.....	Peoria.....	Peoria.....	35	Illinois.....	Sept. 13	2034
Galloway, L. C.....	West Frankfort.....	Franklin.....	37	Alabama.....	Apr. 11	2011
Gherardini, Ardonio.....	Langleyville.....	Christian.....	53	Italy.....	Sept. 13	2035
Gothard, Arthur.....	Herrin.....	Williamson.....	47	Tennessee.....	Apr. 11	2012
Gray, Glen.....	Eldorado.....	Saline.....	40	Illinois.....	Dec. 19	2059
Gray, William.....	Pana.....	Christian.....	51	Scotland.....	Sept. 13	2036
Guyshiek, Edward F.....	Paris.....	Edgar.....	27	Illinois.....	Apr. 11	2013
Harrison, Glenn P.....	Nason.....	Jefferson.....	30	Tennessee.....	Dec. 19	2060
Holecheck, Emil C.....	Mt. Olive.....	Macoupin.....	29	Illinois.....	Apr. 11	2014
Hochmuth, John C.....	Stanton.....	Macoupin.....	53	Illinois.....	Sept. 13	2037
Hughes, Arthur M.....	Gillespie.....	Macoupin.....	35	Illinois.....	Sept. 13	2038
Hundley, Charles.....	DeSoto.....	Jackson.....	50	Illinois.....	Dec. 19	2061
Jackson, Ernest C.....	Tovey.....	Christian.....	31	Illinois.....	Apr. 11	2015

MINE MANAGERS—FIRST CLASS—Concluded.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	No. of certificate.
Jacobs, Charles F.	Taylorville.	Christian.	39	Illinois.	Dec. 19	2062
Jacobs, Edward.	Staunton.	Macoupin.	52	Illinois.	Dec. 19	2063
Jansen, Herman.	St. Libory.	St. Clair.	37	Illinois.	Sept. 13	2039
Klun, Louis.	Zeigler.	Franklin.	38	Pennsylvania.	Sept. 13	2040
Knight, Thomas.	Edwards.	Peoria.	54	Texas.	Sept. 13	2041
Kochinski, Joe.	Benld.	Macoupin.	37	Illinois.	Dec. 19	2064
Kopuster, John.	Livingston.	Madison.	35	Austria.	Sept. 13	2042
Kowalis, George.	Harrisburg.	Saline.	42	Pennsylvania.	Dec. 19	2065
Lanan, Thomas H.	Glasford.	Peoria.	50	Illinois.	Sept. 13	2043
Lannom, Everett.	Johnston City.	Williamson.	32	Illinois.	Apr. 11	2016
Lehr, Walter J.	New Athens.	St. Clair.	29	Illinois.	Sept. 13	2044
Lowe, Harry, Jr.	Witt.	Montgomery.	40	England.	Sept. 13	2045
Mauck, Harry.	Danville.	Vermilion.	36	Illinois.	Apr. 11	2017
Mick, Robert R.	Eldorado.	Saline.	41	Illinois.	Apr. 11	2018
Mikel, Steve.	Georgetown.	Vermilion.	26	Illinois.	Dec. 19	2066
Monbrum, Lawrence, Sr.	Coal City.	Grundy.	39	Illinois.	Apr. 11	2019
Morris, James.	Saline.	Saline.	33	Illinois.	Sept. 13	2046
Meyers, Homer.	Springfield.	Sangamon.	42	Illinois.	Apr. 11	2020
Nebesnick, John.	Sawverville.	Macoupin.	37	Missouri.	Sept. 13	2047
Payne, Russell.	Glasford.	Peoria.	38	England.	Dec. 19	2067
Pollett, Roy.	Livingston.	Madison.	53	Illinois.	Sept. 13	2048
Pruett, Hobart.	Tovey.	Christian.	42	Indiana.	Sept. 13	2049
Pschirrer, Charles.	Canton.	Fulton.	35	Missouri.	Dec. 19	2068
Pschirrer, John.	Canton.	Fulton.	41	Missouri.	Dec. 19	2069
Reak, Murrell.	West Frankfort.	Franklin.	39	Illinois.	Dec. 19	2070
Redfearn, Gene.	West Frankfort.	Franklin.	28	Illinois.	Dec. 19	2072
Redfern, Clarence.	West Frankfort.	Franklin.	38	Illinois.	Dec. 19	2071
Roberts, David John.	Taylorville.	Christian.	27	Illinois.	Dec. 19	2073
Runkel, Joseph Paul.	Springfield.	Sangamon.	33	Illinois.	Dec. 19	2074
Samuel, John F.	Johnston City.	Williamson.	46	Illinois.	Dec. 19	2075
See, Ivan.	Springfield.	Sangamon.	49	Missouri.	Dec. 19	2076
Smith, Harry.	Herrin.	Williamson.	44	Illinois.	Dec. 19	2077
Smith, Waltham L.	Buckner.	Franklin.	33	Illinois.	Apr. 11	2021
Solomon, Robert D.	Springfield.	Sangamon.	25	Illinois.	Apr. 11	2022
Stucker, Jesse.	Herrin.	Williamson.	45	Illinois.	Sept. 13	2050
Thomas, Edward.	Taylorville.	Christian.	31	Ohio.	Dec. 19	2078
Ugo, Henry.	Wilsonville.	Macoupin.	51	Italy.	Dec. 19	2079
Weber, Edgar J.	New Athens.	St. Clair.	24	Illinois.	Sept. 13	2051
Wertz, George.	Orion.	Henry.	33	Illinois.	Sept. 13	2052
White, Jesse L.	Eldorado.	Saline.	33	Illinois.	Sept. 13	2053
Williamson, John W.	Springfield.	Sangamon.	38	Illinois.	Apr. 11	2023
Young, George.	Benld.	Macoupin.	49	Kansas.	Dec. 19	2080
Zamberletti, Louis.	Westville.	Vermilion.	33	Indiana.	Sept. 13	2054

MINE MANAGERS—SECOND CLASS.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	No. of certificate.
Abbott, Charles E.	Littleton.	Schuyler.	48	Illinois.	Apr. 10	1497
Allen, W. L.	Roodhouse.	Greene.	39	Illinois.	Dec. 18	1525
Bailey, William.	Danville.	Vermilion.	58	Kentucky.	Dec. 18	1526
Blankenship, Earl.	Oak Hill.	Peoria.	31	Iowa.	Sept. 12	1504
Brucketta, Nicholas.	Farmington.	Fulton.	24	Illinois.	Sept. 12	1505
Cape, Harley.	Bryant.	Fulton.	51	Illinois.	Dec. 18	1527
Coffey, James M.	Danville.	Vermilion.	48	Indiana.	Dec. 18	1528
Cox, Ernest B.	Marion.	Williamson.	35	Illinois.	Sept. 12	1506
Craig, George L.	DeSoto.	Jackson.	59	Illinois.	Dec. 18	1529
Crain, Kenneth R.	Cartersville.	Williamson.	29	Illinois.	Dec. 18	1530
Cruit, James.	Shelbyville.	Shelby.	45	Illinois.	Sept. 12	1507
Dalzell, Jack.	Littleton.	Schuyler.	37	Missouri.	Apr. 10	1498
Donelson, Homer.	Shelbyville.	Shelby.	35	Illinois.	Sept. 12	1508
Fedash, John.	Streator.	LaSalle.	49	Illinois.	Apr. 10	1499
Ferguson, Orville L.	Roodhouse.	Greene.	29	Illinois.	Dec. 18	1531
Fouik, Russell D.	Cuba.	Fulton.	26	Illinois.	Dec. 18	1532
French, Forest A.	Oak Hill.	Peoria.	35	Iowa.	Sept. 12	1509
Fulwider, Ross.	Streator.	LaSalle.	55	Illinois.	Dec. 18	1533

MINE MANAGERS—SECOND CLASS—Concluded.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	No. of certificate.
Gabriel, Thomas	Freeburg	St. Clair	44	Ohio	Sept. 12	1510
Gentry, Claud	Cartersville	Williamson	24	Illinois	Dec. 18	1534
Gofineh, Edward	Cuba	Fulton	36	Illinois	Dec. 18	1535
Hall, Lucien	Mt. Carmel	Wabash	48	Illinois	Apr. 10	1500
Handkins, Alva	Pittsburg	Williamson	27	Illinois	Sept. 12	1511
Harmon, Howard H	Wyoming	Stark	25	Illinois	Sept. 12	1512
Hicks, John T	Elmwood	Peoria	51	Illinois	Sept. 12	1513
Kienbusch, David E	Peoria	Peoria	54	Illinois	Apr. 10	1501
Lawson, Charles	Roodhouse	Greene	35	Illinois	Dec. 18	1550
Lopeman, Elmer	Henry	Marshall	49	Illinois	Sept. 12	1514
McBride, William	Coal Valley	Henry	58	Missouri	Dec. 18	1536
Maccanelli, Simone	Farmington	Fulton	51	Italy	Sept. 12	1515
Mandrell, Cecil	Marion	Williamson	34	Illinois	Sept. 12	1516
Miller, Harry D	Peoria	Peoria	32	Iowa	Sept. 12	1517
Mitchell, John	Raleigh	Saline	33	Illinois	Dec. 18	1537
Morgan, Harry E	Coal Valley	Henry	57	England	Dec. 18	1538
Nees, Homer E	Shelbyville	Shelby	30	Illinois	Sept. 12	1518
Nisbet, Harry	Ava	Jackson	35	Illinois	Apr. 10	1502
Panti, Eugene	Marseilles	LaSalle	44	Illinois	Dec. 18	1539
Peppard, Raymond	Peoria	Peoria	25	Illinois	Sept. 12	1519
Porter, George L	Macomb	McDonough	52	Illinois	Sept. 12	1520
Ridley, Oscar W	Harrisburg	Saline	46	Kentucky	Dec. 18	1540
Ruloff, Fred	Chandlerville	Cass	38	Illinois	Dec. 18	1541
Rudd, Harry	Ava	Vermilion	49	Indiana	Sept. 12	1521
Schutz, Russell	Catin	Vermilion	40	Illinois	Dec. 18	1542
Scott, Robert	Danville	Vermilion	42	Illinois	Dec. 18	1543
Sepesi, Andrew	Peoria	Peoria	52	Hungary	Apr. 10	1503
Smith, Garrett	Oakwood	Vermilion	46	Kentucky	Dec. 18	1544
Smith, William	Georgetown	Vermilion	52	North Carolina	Sept. 12	1522
Stell, Clifford	Bryant	Fulton	39	Illinois	Dec. 18	1545
Thompson, Joseph E	Canton	Fulton	52	Kansas	Dec. 18	1546
Vandike, George N	Kewanee	Henry	43	Illinois	Dec. 18	1547
Wade, Joseph T	Tallula	Menard	47	Kentucky	Sept. 12	1523
Walton, Everett	Ingva	Fulton	30	Illinois	Dec. 18	1548
Williams, Russell	Coal Valley	Rock Island	57	Iowa	Sept. 12	1524
Zaborac, Stanley	Canton	Fulton	26	Illinois	Dec. 18	1549

MINE EXAMINERS.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	No. of certificate.
Adams, James Calvin	Gillespie	Macoupin	47	Kentucky	Apr. 10	2532
Allsup, Brantley	Hurst	Williamson	29	Illinois	Apr. 10	2531
Austin, Van E	Herrin	Williamson	36	Illinois	Dec. 18	2607
Baima, Tony	Collinsville	Madison	27	Illinois	Dec. 18	2608
Basinger, Henry E	Herrin	Williamson	29	Alabama	Apr. 10	2533
Blakenship, Richard	Herrin	Williamson	28	Illinois	Apr. 10	2534
Bourland, Art. L	Tovey	Christian	39	Kansas	Apr. 10	2535
Boyd, Charles	Harrisburg	Saline	31	Illinois	Sept. 12	2584
Bramlet, Dave	Eldorado	Saline	40	Alabama	Sept. 12	2585
Brewer, Dennis	Herrin	Williamson	30	Illinois	Apr. 10	2536
Brown, Jess	West Frankfort	Franklin	37	Illinois	Apr. 10	2537
Carlisle, Veerland G	West Frankfort	Franklin	32	Kentucky	Dec. 18	2609
Cash, Henry	Eldorado	Saline	52	Illinois	Dec. 18	2610
Chastain, Edward	Sesser	Franklin	42	Oklahoma	Apr. 10	2538
Chismar, George	Orient	Franklin	31	Illinois	Apr. 10	2539
Claunch, Floyd	Herrin	Williamson	34	Illinois	Apr. 10	2540
Claunch, Lester R	Herrin	Williamson	30	Illinois	Sept. 12	2586
Clem, George	West Frankfort	Franklin	46	Illinois	Dec. 18	2611
Collins, Frank	Herrin	Williamson	54	Illinois	Apr. 10	2541
Colombo, Louis	Herrin	Williamson	37	Italy	Apr. 10	2542
Cooper, Everett H	Eldorado	Saline	37	Illinois	Sept. 12	2587
Cunitz, Ralph	Mulkeytown	Franklin	30	Illinois	Dec. 18	2612
Curry, Daniel	Johnston City	Williamson	39	England	Apr. 10	2543
Dawe, Russell	Valier	Franklin	23	Illinois	Apr. 10	2544
Dematti, John	Benton	Franklin	33	Illinois	Apr. 10	2545

MINE EXAMINERS—Concluded.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	No. of certificate.
Dempsey, Freeman	Harrisburg	Saline	37	Illinois	Dec. 18	2613
Downen, Alva	Sparta	Randolph	46	Illinois	Sept. 12	2588
Duddy, Charlie	Johnston City	Williamson	38	Illinois	Apr. 10	2546
Duncan, Peter G	Gillespie	Macoupin	26	Illinois	Apr. 10	2547
Earl, George J	Zeigler	Franklin	23	Illinois	Apr. 10	2548
Earnhardt, William L	Coello	Franklin	33	Illinois	Apr. 10	2549
Ely, Howard L	Gillespie	Macoupin	44	Illinois	Apr. 10	2550
Firth, Alex	Benld	Macoupin	47	Kansas	Dec. 18	2614
Fitzgerrell, Wayne W	Sesser	Franklin	31	Illinois	Apr. 10	2551
Flanagan, Eucl L	Eldorado	Saline	35	Illinois	Apr. 10	2552
Flynn, James W	Rutland	LaSalle	27	Illinois	Sept. 12	2589
Fox, Gaylord W	Christopher	Franklin	30	Indiana	Apr. 10	2553
Gardner, Carl	Herrin	Williamson	40	Tennessee	Sept. 12	2590
Gray, Glen	Eldorado	Saline	40	Illinois	Sept. 12	2591
Groves, Floyd R	West Frankfort	Franklin	34	Illinois	Apr. 10	2554
Hargrave, Charles H	Coello	Franklin	42	Kentucky	Apr. 10	2555
Harrison, Glenn P	Eldorado	Saline	29	Tennessee	Sept. 12	2592
Hrebik, Joseph, Jr	Mt. Olive	Macoupin	34	Illinois	Apr. 10	2556
Hughes, Arthur	Gillespie	Macoupin	35	Illinois	Apr. 10	2557
Ingram, Willard	Eldorado	Saline	26	Illinois	Dec. 18	2615
Jacobs, Edward	Staunton	Macoupin	51	Illinois	Sept. 12	2593
Jennings, Roy	Marion	Williamson	47	Illinois	Apr. 10	2558
Johnson, Shaw	West Frankfort	Franklin	46	Illinois	Apr. 10	2559
Johnson, William E	Mt. Olive	Macoupin	34	Illinois	Apr. 10	2560
Klun, Louis	Zeigler	Franklin	38	Pennsylvania	Apr. 10	2561
Kochinski, Joseph	Benld	Macoupin	36	Illinois	Sept. 12	2594
Kowals, George	Harrisburg	Saline	40	Pennsylvania	Apr. 10	2562
Kratsch, Ernest	Herrin	Williamson	35	Illinois	Apr. 10	2563
Levault, Charles	Sesser	Franklin	37	Illinois	Apr. 10	2564
McKnight, Alex W	Johnston City	Williamson	35	Scotland	Sept. 12	2595
Marko, Andy	Orient	Franklin	41	Illinois	Apr. 10	2565
Matrisch, Henry	Springfield	Sangamon	35	Germany	Dec. 18	2616
Mauzy, Jack L	West Frankfort	Franklin	40	Kentucky	Sept. 12	2596
Mikel, Steve	Georgetown	Vermilion	26	Illinois	Sept. 12	2597
Montgomery, Harry	Sesser	Franklin	42	Illinois	Apr. 10	2566
Murry, Dallas	Sesser	Franklin	31	Illinois	Apr. 10	2567
Nangle, Thomas C	Whittington	Franklin	37	Illinois	Apr. 10	2568
Nebesnick, John	Sawyer ville	Macoupin	36	Missouri	Apr. 10	2569
Nepute, Louis	Collinsville	Madison	21	Oklahoma	Dec. 18	2617
Novero, Joe D	Collinsville	Madison	21	Illinois	Dec. 18	2618
O'Neil, William Douglas	Marion	Williamson	25	Illinois	Sept. 12	2598
Payne, Cecil	Herrin	Williamson	32	Illinois	Apr. 10	2570
Payne, Russell	Glasford	Peoria	38	England	Sept. 12	2599
Pool, William F	Eldorado	Saline	32	Kentucky	Dec. 18	2619
Price, William H	Christopher	Franklin	32	Pennsylvania	Dec. 18	2620
Reak, Murrell	West Frankfort	Franklin	39	Illinois	Apr. 10	2571
Reshete, Michael J	Eldorado	Saline	34	Poland	Sept. 12	2600
Roach, Raymond H	Johnston City	Williamson	36	Kentucky	Sept. 12	2601
Roberts, David John	Taylorville	Christian	26	Illinois	Sept. 12	2602
Roby, Daniel Joseph	West Frankfort	Franklin	27	England	Dec. 18	2621
Rooney, Thomas A	Springfield	Sangamon	41	Scotland	Dec. 18	2622
Routz, John	Harrisburg	Saline	35	Indiana	Apr. 10	2572
Samuel, Bert	Johnston City	Williamson	32	Illinois	Apr. 10	2573
Samuel, J. B	Nason	Jefferson	35	Illinois	Dec. 18	2623
Sands, Everett R	Sesser	Franklin	33	Illinois	Apr. 10	2574
Smith, Harry	Herrin	Williamson	43	Illinois	Apr. 10	2575
Smith, Pete	Johnston City	Williamson	29	Illinois	Apr. 10	2576
Stephens, Oakley J	West Frankfort	Franklin	25	Illinois	Dec. 18	2624
Strodick, Robert	Herrin	Williamson	32	Illinois	Sept. 12	2603
Stucker, Jesse	Herrin	Williamson	43	Illinois	Apr. 10	2577
Tierney, Malcolm	Eldorado	Saline	33	Kentucky	Apr. 10	2578
Treffney, Joe	Benton	Franklin	63	Bohemia	Sept. 12	2604
Vaughn, Roland	Orient	Franklin	33	Illinois	Sept. 12	2605
Vaughn, W. C	Christopher	Franklin	48	Ohio	Dec. 18	2625
Waligorski, John	Dubois	Washington	21	Illinois	Apr. 10	2579
Wiemann, Otto	Benton	Franklin	32	Illinois	Apr. 10	2580
Wiggins, Floyd	Herrin	Williamson	28	Illinois	Apr. 10	2581
Williams, Henry	Johnston City	Williamson	33	Illinois	Apr. 10	2582
Wittkamp, Carl R	West Frankfort	Franklin	33	Illinois	Apr. 10	2583
Zoltan, Frank G	Eldorado	Saline	36	Austria-Hungary	Sept. 12	2606

STEAM HOISTING ENGINEERS.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	No. of certificate.
Barton, Archie C.....	Marion.....	Williamson.....	54	Illinois.....	Dec. 18	830
Donna, Angelo.....	Blanford, Indiana.....	Vermilion.....	23	Indiana.....	Apr. 10	813
Emanuel, Hilbert R.....	Gillespie.....	Macoupin.....	38	Iowa.....	Apr. 10	814
Gross, William.....	Peoria.....	Peoria.....	27	Illinois.....	Dec. 18	831
Hochmuth, Frank W.....	Staunton.....	Macoupin.....	21	Illinois.....	Apr. 10	815
Huey, Otto B.....	Zeigler.....	Franklin.....	40	Kentucky.....	Apr. 10	816
Irvine, John.....	Gillespie.....	Macoupin.....	46	Illinois.....	Apr. 10	817
Jansen, Henry A.....	Breese.....	Clinton.....	42	Illinois.....	Sept. 12	823
Johnson, Obe.....	Christopher.....	Franklin.....	45	Illinois.....	Apr. 10	818
Landers, Earl.....	Williamsville.....	Sangamon.....	29	Illinois.....	Apr. 10	819
Leach, Frank.....	Springfield.....	Sangamon.....	35	Illinois.....	Apr. 10	820
McAllister, Melvin.....	Sparta.....	Randolph.....	30	Illinois.....	Sept. 12	824
Marconi, Joe.....	Livingston.....	Madison.....	47	Italy.....	Sept. 12	825
Rinsch, Paul P.....	Freelandville, Ind.....	Knox.....	32	Indiana.....	Sept. 12	826
Satterfield, George D.....	Pana.....	Christian.....	27	Illinois.....	Dec. 18	832
Schimp, William E.....	Eldorado.....	Saline.....	29	Illinois.....	Apr. 10	821
Smith, Ben C.....	Cutler.....	Perry.....	27	Illinois.....	Dec. 18	833
Teff, Harold Morris.....	Tamaroa.....	Perry.....	21	Illinois.....	Apr. 10	822
Timko, Paul.....	Virden.....	Macoupin.....	41	Illinois.....	Sept. 12	827
Watne, Carl J.....	Nokomis.....	Montgomery.....	45	South Dakota.....	Sept. 12	828
Wennemann, Herman.....	St. Libory.....	St. Clair.....	28	Illinois.....	Sept. 12	829

ELECTRICAL HOISTING ENGINEERS.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	No. of certificate.
Cavins, Lee.....	O'Fallon.....	St. Clair.....	38	Illinois.....	Apr. 10	594
Coleman, Richard.....	Carterville.....	Williamson.....	28	Illinois.....	Dec. 18	606
Davis, Ernest.....	Carterville.....	Williamson.....	49	Illinois.....	Dec. 18	607
Farnworth, Bradley.....	Gillespie.....	Macoupin.....	33	Illinois.....	Sept. 12	601
Gentry, J. Wes.....	Carterville.....	Williamson.....	23	Illinois.....	Dec. 18	608
Leslie, Clarence.....	West Frankfort.....	Franklin.....	37	Ohio.....	Apr. 10	595
McAllister, Melvin.....	Sparta.....	Randolph.....	30	Illinois.....	Dec. 18	610
McElhattan, Bernard P.....	Kincaid.....	Christian.....	27	Pennsylvania.....	Dec. 18	611
Mann, Robert.....	Carterville.....	Williamson.....	45	Illinois.....	Dec. 18	609
Miller, Earl L.....	Marissa.....	St. Clair.....	50	Illinois.....	Dec. 18	612
Murphy, Marion M.....	Coal Valley.....	Rock Island.....	58	Illinois.....	Sept. 12	602
Perdue, John D.....	DuQuoin.....	Perry.....	36	Indiana.....	Sept. 12	603
Redfearn, Clarence.....	West Frankfort.....	Franklin.....	38	Illinois.....	Apr. 10	596
Redfearn, Gene.....	West Frankfort.....	Franklin.....	27	Illinois.....	Apr. 10	597
Shryock, Delbert.....	West Frankfort.....	Franklin.....	25	Missouri.....	Apr. 10	598
Smith, Joseph A.....	Taylorville.....	Christian.....	33	Illinois.....	Apr. 10	599
Stone, Clifford L.....	Rosiclare.....	Hardin.....	25	Illinois.....	Dec. 18	613
Swader, Harold D.....	Eldorado.....	Saline.....	26	Illinois.....	Apr. 10	600
Underwood, Coy O.....	West Frankfort.....	Franklin.....	40	Illinois.....	Sept. 12	604
Wertz, Clair J.....	Orion.....	Henry.....	30	Illinois.....	Sept. 12	605

PERMIT TO OPERATE SECOND MOTION STEAM ENGINE.

Name.	Post office.	County.	Age.	Birthplace.	Date of permit.	No. of permit.
Hollingsworth, J. C.	DeSoto.	Jackson.	44	Mississippi.	May 4	480
Jacobs, Walter.	Johnston City.	Williamson.	60	Illinois.	Mar. 22	477
Johnson, C. E.	Canton.	Fulton.	66	Illinois.	May 1	479
Kutches, Thomas.	Streator.	LaSalle.	32	Illinois.	May 18	481
Lemmon, Sam.	Tamaroa.	Perry.	56	Illinois.	Aug. 21	487
Leoni, Amiel.	Johnston City.	Williamson.	24	Illinois.	Nov. 20	493
Lewis, Richard.	Tallula.	Menard.	26	Illinois.	July 31	484
Marconi, Joe.	Staunton.	Macoupin.	47	Italy.	Aug. 8	485
Minder, Glenn.	Pleasant Plains.	Sangamon.	27	Illinois.	Sept. 21	489
Mines, A. W.	Sparta.	Randolph.	48	Illinois.	May 1	478
Otken, Richard.	Springfield.	Sangamon.	21	Illinois.	July 26	482
Pike, Dennis.	Tallula.	Menard.	29	Kentucky.	Aug. 21	486
Rentfro, Barney.	Mulkeytown.	Franklin.	43	Illinois.	Aug. 21	488
Rosenthal, Frank.	Sheffield.	Bureau.	59	Illinois.	Nov. 28	494
Sanson, Errol.	Cambria.	Williamson.	40	Illinois.	Oct. 23	491
Savage, J. A.	Gardner.	Grundy.	40	Illinois.	Mar. 22	476
Sheets, Ross.	Kewanee.	Henry.	40	Illinois.	Oct. 11	490
Sims, Victor.	Marion.	Williamson.	23	Illinois.	Nov. 13	492
Smoot, Robert C.	Danville.	Vermilion.	31	Illinois.	Jan. 16	475
Streetmeyer, Walter.	Lincoln.	Logan.	30	Illinois.	Mar. 16	476
Willis, Walter E.	Percy.	Randolph.	34	Illinois.	July 26	483

PERMIT TO OPERATE SECOND MOTION ELECTRIC ENGINE.

Name.	Post office.	County.	Age.	Birthplace.	Date of permit.	No. of permit.
Adkins, Alvin.	Danville.	Vermilion.	29	Illinois.	Mar. 22	336
Anderson, Stephen A.	Danville.	Vermilion.	21	Illinois.	Nov. 16	345
Angel, Loyd.	Pittsburg.	Williamson.	40	Illinois.	Oct. 24	343
Gentry, Elbert.	Carterville.	Williamson.	21	Illinois.	Nov. 20	346
Gooch, Charles.	Oakwood.	Vermilion.	34	Illinois.	Sept. 30	339
Mauck, Gerald.	Danville.	Vermilion.	25	Illinois.	Oct. 7	341
Mauck, Walter.	Danville.	Vermilion.	42	Illinois.	Oct. 9	342
Miller, Earl A.	Marissa.	St. Clair.	50	Illinois.	Oct. 26	344
Miller, Joseph J.	Pinckneyville.	Perry.	22	Illinois.	Feb. 1	338
Morgan, Mark.	Catlin.	Vermilion.	28	Illinois.	Sept. 22	343
Oster, William A.	Streator.	LaSalle.	46	Illinois.	Dec. 7	345
Schaeffer, Clarence.	Danville.	Vermilion.	30	Illinois.	Feb. 24	335
Sieberg, Emil C.	Percy.	Randolph.	52	Illinois.	Sept. 20	337
Skelton, Clifford A.	Danville.	Vermilion.	25	Illinois.	Oct. 3	340
Walker, Ora.	Tallula.	Menard.	56	Illinois.	Nov. 30	347
Wilson, Alex, Jr.	Cutler.	Perry.	51	Illinois.	Sept. 25	338



